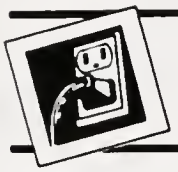
333.7905
M26 UPd
JAN 28,1987
V.3,N.1

Montana State Library
3 0864 1004 5567 7

update!

NORTHWEST POWER PLANNING COUNCIL

January 28, 1987



Two new Council members

This January, two new members were appointed to the Northwest Power Planning Council. Idaho's Governor Cecil Andrus appointed James Goller to succeed Larry Mills, who is retiring after five years on the Council. Three days later, Oregon's Governor Neil Goldschmidt appointed his campaign rival, Norma Paulus, to succeed Donald Godard, whose three-year term expired January 31.

Goller, an Idaho native, has spent the last six years as chief of staff for Idaho's Senator James McClure. In 1966, he managed McClure's first campaign for U.S. representative for Idaho's 1st Congressional District and has been a member of McClure's staff ever since. As chief of staff, Goller managed McClure's Idaho offices and supervised the senator's Washington, D.C. staff.

Paulus, a lawyer from Salem, Oregon, was defeated by Goldschmidt in the governor's race last November. She served as secretary of state in Oregon from 1977 to 1985 and was a member of the Oregon legislature from 1971 to 1977. Paulus is the first woman appointed to serve on the Council

Both appointments are for three-year terms and require the approval of their respective state legislatures.

Council victory in court case

The U.S. Supreme Court recently refused to review a judgment upholding the Northwest Power Planning Council's constitutionality. Bob Duncan, the Council's chairman, called the January 20 decision "a victory for the citizens of the Northwest. It preserves the balance of power in Northwest energy planning that Congress intended."

The suit was originally filed with the U.S. Court of Appeals for the Ninth Circuit by the Seattle Master Builders in July 1983. The suit challenged the legality of the Council's model conservation standards.

A central issue in the petition also was the question of the Council's constitutionality. Citing the Appointments Clause of the U.S. Constitution, the Master Builders argued that if the Council has authority over federal agencies, such as the Bonneville Power Administration (the agency that implements the standards), Council members should be appointed directly by the president, not by the governors of each state.

The Council argued that it is an interstate compact, not a federal agency and, therefore, not subject to the Appointments Clause. In April 1986, the Ninth Circuit found in favor of the Council on all issues raised in the suit. The Master Builders then brought their concerns to the Supreme Court, where they were also rejected.

Model conservation standards amended

The Northwest Power Planning Council amended its model conservation standards to allow both builders and utilities greater flexibility in reaching the levels of energy efficiency specified by the standards for new electrically heated homes and all new commercial buildings.

The amendment represents a consensus among the Bonneville Power Administration, Northwest utilities and state and local governments. "It's important to point out that the standards themselves--that is, the level of energy efficiency--are not significantly different from the first standards adopted in 1983. What the Council did was provide greater flexibility in reaching the standards," says Edward Sheets, executive director of the Council.

For more information Public Information & Involvement Division
Northwest Power Planning Council
850 SW Broadway · Suite 1100
Portland Oregon 97205

Phone 503/222-5161
Toll Free 1/800/452-2324 (Oregon)
1/800/222-3355 (Idaho, Montana Washington)

The amendment allows builders to use the technique of vapor barrier wraps with heat recovery ventilators. However, it is no longer a mandatory requirement. The change was made in response to a Bonneville study and the Council's own analysis that showed improved building techniques could achieve levels of energy efficiency at a lower cost than the vapor wrap/heat recovery ventilator package.

In another change, the Council did not recommend a surcharge for utilities which failed to reach a previously specified level of market penetration for energy-efficient housing in the next two years. The surcharge is a 10 percent additional charge on power utilities buy from Bonneville. Utilities will still be subject to a surcharge if they do not submit and implement a "good faith" plan within six months for achieving the standards.

The performance surcharge was deferred because of the difficulty at this time in obtaining data about market penetration for the new building technology The Council will establish a method for assessing performance in 1988 when more data is available. The Council will then reconsider whether it will impose the performance surcharge.

Meetings

Council Meetings: February 11-12 at the Sheraton/ Spokane Hotel in Spokane, Washington. March 11-12 in Boise, Idaho. April 8-9 in Montana (call the central office for time and location).

State Agency Advisory Committee: February 5, 9:30 a.m., at the Statehouse, 472 West Washington Street, Boise, Idaho.

Hydropower Assessment Steering Committee: February 5, 10 a.m., at the Council's central office in Portland, Oregon.

Economic Forecasting Advisory Committee: March 9, 9 a.m., at the Council's central office in Portland, Oregon.

Recent Council publications

ORDER PUBLICATIONS FROM JUDY ALLENDER, PUBLIC INVOLVEMENT DIVISION
Telephone number: 503/222-5161
Toll free: 1-800-452-2324 (Oregon)
1-800-222-3355 (Idaho, Montana, Washington)
(Note: not all publications are available immediately, but will be sent to you as soon as possible.)

Notice of Final Model Conservation Standards Amendment. See story.

Response to Comments Received on the Model Conservation Standards Amendment. Available late February/early March.

Petitions to Enter Rulemaking on the Model Conservation Standards - from the Natural Resources Defense Council, the Northwest Conservation Act Coalition, and Citizens for an Adequate Supply of Energy. (A summary of the petitions is included.) Action on some portions of these petitions was deferred until the February 11-12 meeting.

Council Response to the Bonneville Power Administration's Draft Work Plans. At the February meeting, the Council will take action on these plans. Public comment was taken at the January 14-15 meeting.

1987 Columbia River Basin Fish and Wildlife Program. After a yearlong process, the program is scheduled for adoption at the February 11-12 Council meeting in Spokane, Washington. Copies will be published and distributed in the late spring. Those people who received the *Draft Amendment Document* will receive the program automatically.

1986 Northwest Power Plan. The 20-year electrical power plan for the Northwest (2 volumes, 1986).

Editor: Ruth L. Curtis

S
333.7705
M26upd
Feb 25 1987
V.3, N 2

update!

NORTHWEST POWER PLANNING COUNCIL

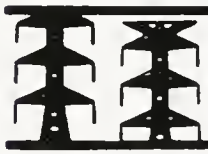
February 25, 1987

New director for fish and wildlife

Rick Applegate is the new director of the Northwest Power Planning Council's fish and wildlife division. The division's previous director, Janis Carpenter, requested reassignment to a half-time position in order to spend more time with her 1-year-old son. She will remain in the division as senior policy analyst.

Most recently, Applegate was the assistant to the Council's executive director. Prior to joining the Council, he served on the staffs of Representative Don Bonker (WA), Senator Max Baucus (MT), Senator John Durkin (NH) and the U.S. Senate Committee on the Judiciary.

"We expect the transition to be smooth," said Executive Director Ed Sheets. "The new director is thoroughly knowledgeable with the region and the fish and wildlife program. At the same time, we are not losing the extremely valuable expertise of the previous director."



Five-year status report released

The U.S. General Accounting Office has just released a report, *Federal Electric Power: A Five-year Status Report on the Pacific Northwest Power Act*, which discusses "the progress made in developing and implementing the electric power planning, fish and wildlife, and public involvement programs" called for by the Northwest Power Act.

The report is available from the U.S. General Accounting Office, P.O. Box 6015, Gaithesburg, Maryland 20877, 202-275-6241. Request report number GAO/RCED-87-6.

Energy futures symposium planned

The Bonneville Power Administration's Electrical Energy Futures Symposium will be held April 16 from 8 a.m. to 4:30 p.m. at the Jantzen Beach Red Lion Inn in Portland, Oregon. The Northwest Power Planning Council and League of Women Voters are co-sponsoring the event.

This year's theme is "Energizing the Northwest power and economic revitalization." Panels will address maintaining and recapturing lost electrical markets and future directions for electrical utilities. Keynote speakers and registration information will be announced in a forthcoming brochure.

For more information, call Bonneville's Public Involvement Division, 503-230-3478 (toll free general number is 1-800-452-8429 in Oregon and 1-800-547-6048 elsewhere).

Meetings

Council Meetings: March 11-12 in Boise, Idaho. April 8-9 in Missoula, Montana. May 13-14 in Wenatchee, Washington.

Economic Forecasting Advisory Committee: March 9, 9 a.m., at the Council's central office in Portland, Oregon.

Regional Evaluation Network: (Previously this network was the Pacific Northwest Utilities Conference Committee's Conservation Assessment Workgroup. The Council has assumed administration of the group.) April 1, 9:30 a.m., at the Airport Nendels Inn, Portland, Oregon.

For more information: Public Information & Involvement Division
Northwest Power Planning Council
850 SW Broadway · Suite 1100
Portland, Oregon 97205

Phone: 503/222-5161
Toll Free: 1-800-452-2324 (Oregon)
1-800/222-3355 (Idaho, Montana, Washington)

Recent Council publications

ORDER PUBLICATIONS FROM JUDY ALLENDER, PUBLIC INVOLVEMENT DIVISION
Telephone number: 503/222-5161
Toll free: 1-800-452-2324 (Oregon)
1-800-222-3355 (Idaho, Montana, Washington)
(Note: not all publications are available immediately, but will be sent to you as soon as possible.)

1987 Columbia River Basin Fish and Wildlife Program. After a yearlong process, the program amendments were adopted at the February 11-12 Council meeting. For the highlights, see the accompanying sheet. Copies will be published and distributed in the late spring. Those people who received the *Draft Amendment Document* will receive the program automatically.

Response to Comments Received on the 1987 Columbia River Basin Fish and Wildlife Program Amendments. Available late March.

Notice of Final Amendment for Model Conservation Standards for Federal Agency Customers of the Bonneville Power Administration. A decision is scheduled for the March 11-12 Council meeting. This will be distributed only if an amendment is approved.

Notice of Final Amendment for Model Conservation Standards for Buildings Converting to Electric Space Conditioning. A decision is scheduled for the March 11-12 Council meeting. This will be distributed only if an amendment is approved.

Notice of Final Model Conservation Standards Amendment. Adopted at the January 14-15 Council meeting.

Response to Comments Received on the Model Conservation Standards Amendment. Available late March.

1986 Northwest Power Plan. The 20-year electrical power plan for the Northwest (2 volumes, 1986).

Editor: Ruth L. Curtis

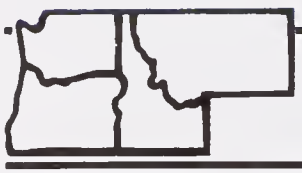
S Update (Portland,
333.79050r.)
M26upd Update

VOL 3 #3

update!

Northwest Power Planning Council

Volume 3, Number 3 March 27, 1987



From the editor

Update! was initiated over two years ago to provide "up-to-date" information about the Council's public involvement process and opportunities. Originally little more than a listing of publications, it has evolved into a newsletter for current news items. If the items wait to run in the *Northwest Energy News* (which requires a long lead time to produce), they may lose their timeliness.

Lately, there frequently have been more news items for *Update!* than there is space. The solution is a revised *Update!* with more news items and more detailed announcements.

We hope you find it interesting and useful.

"Energizing the NW" symposium

The second annual symposium on the future of the electric utility industry in the Pacific Northwest will begin at 8 a.m. on April 16 at the Jantzen Beach Red Lion Inn in Portland, Oregon.

The Bonneville Power Administration, the League of Women Voters and the Northwest Power Planning Council are sponsoring the event. Featured speakers include Idaho Governor Cecil Andrus; U.S. Representative Ron Wyden (Oregon); Tom Trulove, member of the Northwest Power Planning Council; and Amory Lovins, a well-known writer in the energy field.

Registration and lunch fees are $13.50. For more information, call Bonneville's Public Involvement Division, 503-230-3478 (toll-free general number is 1-800-452-8429 in Oregon and 1-800-547-6048 elsewhere.)

Council asks for Corps funds

Additional funds are needed to speed the installation and improvement of juvenile salmon and steelhead bypass systems at the Corps of Engineers dams on the Columbia River system. This is the message the Council will be delivering to Congress on April 1.

The Council will be testifying before congressional subcommittees on the proposed budgets for five federal agencies with responsibilities for implementing or funding the Council's Northwest Power Plan and Columbia River Basin Fish and Wildlife Program. These agencies are the U. S. Army Corps of Engineers, Bureau of Reclamation, Bonneville Power Administration, Federal Energy Regulatory Commission and the National Marine Fisheries Service.

The Council's primary concern is the need to reduce the numbers of young salmon and steelhead killed by dams as they migrate down the Columbia and Snake rivers. Improved bypass facilities to route the young fish away from the turbines are needed at Little Goose, Lower Granite, McNary, and Bonneville dams. New facilities are needed at Ice Harbor, Lower Monumental and The Dalles dams. This need has been recognized and a construction schedule agreed to by a coalition of fishery agency, tribal and utility groups.

The Corps' currently proposed funding level is not sufficient for meeting that schedule. The Council is asking for congressional support for increased funding

The Northwest would save money by reducing the number of years that water must be spilled over the dams (resulting in lost power revenues) to protect the fish by diverting them from the dam's turbines.

update!

Proposal for general MCS

The Northwest Power Planning Council is currently considering an amendment to its Northwest Power Plan that would describe general model conservation standards (MCS) for all of the sectors and end-uses of electricity not already covered by the plan.

The current standards specify levels of energy efficiency for new electrically heated homes and all new commercial buildings. Recently the Council was petitioned to adopt standards for weatherization programs for existing houses. In response, the Council voted to seek public comment on a proposal to extend the model standards to conservation programs in general

The proposed amendment recommends that, during the Northwest's current period of electricity surplus, conservation activities that can be deferred without detrimental consequences should be. Where a government or a utility chooses to carry out conservation activities during this period, the proposal sets forth six objectives:

1. Conservation activities should avoid creating lost opportunities. A lost opportunity is a conservation measure or program which, because of physical or institutional characteristics, may lose its cost-effectiveness unless actions are taken to develop it or hold it for future use

2. Conservation program benefits should be distributed equitably

3 Conservation activities should not damage environmental quality

4 Conservation activities undertaken during the surplus should contribute to the region's capability to implement conservation when additional resources are needed.

5. Programs should not be designed to significantly alter a consumer's choice of fuel.

6. Conservation programs should install all cost-effective measures.

The proposed amendment would apply to new and existing structures, utility, customer and governmental conservation programs, and other consumer actions for achieving conservation.

The Council is not recommending at this time that these programs and actions be subject to a surcharge.

Public hearings to be conducted in each state during late May and June, will be announced in *Update!* A decision on the proposed amendment will be made mid-October. The proposal is available from the Council's central office.

Northwest Energy News

A special issue of *Northwest Energy News* describing the 1987 Columbia River Basin Fish and Wildlife Program will be mailed in mid-April. It will be both a primer and a summary--providing basic information on the salmon and steelhead fisheries in the Columbia River Basin and summarizing the new 1987 fish and wildlife program.

Also in the issue is an interview with Bob Duncan, the Council's chairman. A five-term U.S. Congressman and former speaker of the Oregon House, Duncan is known for speaking his mind and to-the-point questions.

Extra copies of the special issue will be available on request.

For more information: Public Information & Involvement Division
Northwest Power Planning Council
850 S.W. Broadway, Suite 1100
Portland, Oregon 97205
Phone: 503-222-5161
Toll Free: **1-800-452-2324** (Oregon)
1-800-222-3355 (Idaho, Montana, Washington)

Council OK's aluminum program

The Northwest Power Planning Council unanimously ruled at its March 18 meeting that a Bonneville Power Administration program to help out the aluminum industry is consistent with the Council's regional electrical power plan. Under the Aluminum Smelter Conservation Modernization Program (known as "Con/Mod"), Bonneville would provide financial incentives of up to $76 million over ten years to promote improvements in energy efficiency at the smelters.

The program is designed to aid the Northwest's ailing aluminum industry by helping the smelters compete more effectively in world markets. About one-third of the energy-intensive industry's costs are for electricity, and the industry provides a quarter of Bonneville's revenues.

By preventing the potential loss of these customers to Bonneville, the "Con/Mod" program is expected to help stabilize Northwest rates and reduce the impact of rate increases in the long term. For this reason, and the fact that a Council analysis found the proposal to be a low-cost conservation resource, the Council determined it was consistent with the objectives of its 20-year power plan.

The Council staff estimates the proposed efficiency improvements would conserve approximately 130 megawatts of firm (guaranteed) power and 43 megawatts of nonfirm (interruptible) power. The Council must approve any major new resource acquired by Bonneville to ensure that it is consistent with the Council's power plan. Since the power plan is based on a least-cost strategy, the consistency review is designed to prevent expenditures of ratepayer funds which are not beneficial to ratepayers.

Meetings

All of the following meetings are open to the public. To receive an agenda, either on a one-time only basis or regularly, please give us a call.

Council Meetings: April 8-9 at the Village Red Lion, Missoula, Montana. May 13-14 at the Wenatchee Convention Center, Wenatchee, Washington. June 10-11 at the Ashland Hills Inn, Ashland, Oregon. July 8-9 in Post Falls, Idaho.

Staff Consultation--Heating Cost Consultation Group: April 28, 9:30 a.m. at the Council's central office, Portland, Oregon.

The power plan calls for a comparison of the costs of heating new single-family homes with electricity, natural gas and oil. A consultation group of representatives of the oil, gas and electric industries, and other interested parties has been formed. They will provide data and advise the Council's staff on the study.

State Agency Advisory Committee: There will be a committee meeting in late April. Please call to receive an agenda.

This advisory committee was formed in 1984 to ensure that there is communication on issues of mutual interest between the Council and the various state energy and regulatory agencies.

Recent Council publications

1987 Columbia River Basin Fish and Wildlife Program. The new fish and wildlife program will be available this spring. Adopted in February, the program addresses the damage done to the basin's fish and wildlife as a result of hydropower development and operations. It may be the most comprehensive effort in the nation to restore a biological resource.

Those people who received the *Draft Amendment Document* will receive the program automatically.

Response to Comments: 1987 Columbia River Basin Fish and Wildlife Program. Describes the comments received on the draft program and the Council's response.

Proposed Amendment to the 1986 Northwest Power Plan: Model Conservation Standards for General Conservation Programs. See news item.

Staff Draft Commercial Model Conservation Standards Work Plan. This workplan sets forth a schedule for a review of the model conservation standards for new non-residential buildings. The review will culminate in the next 18 months with a Council decision on potential revisions to the standards.

Staff Report: Introduction to the Western Electricity Study. (Formerly the Western Energy Study) Describes a new Council activity to increase the extent to which neighboring regions are considered in Northwest power planning.

1986 Northwest Power Plan. The 20-year electrical power plan for the Northwest (2 volumes, 1986).

Final Amendment: Model Conservation Standards for New Residential and Commercial Construction. Adopted at the January 14-15 Council meeting.

Response to Comments Received on the Model Conservation Standards Amendment. Describes the comments received on the draft standards for new residential and commercial construction and the Council's response.

update!

Editor: Ruth L. Curtis
Northwest Power Planning Council
850 S.W. Broadway, Suite 1100
Portland, Oregon 97205

ORDER PUBLICATIONS FROM JUDY ALLENDER, PUBLIC INVOLVEMENT DIVISION

Telephone number: **503-222-5161**
Toll free: **1-800-452-2324** (Oregon)
1-800-222-3355 (Idaho, Montana, Washington)

(Note: not all publications are available immediately, but will be sent to you as soon as possible.)

**PRESORTED FIRST CLASS
U.S. POSTAGE
PAID
PERMIT NO. 1709
PORTLAND, OR**

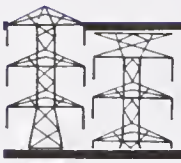
Update (Portland,
333.79050r.)
M26upd Update

Vol 4 #4

Volume 4, Number 4
April 30, 1987

update!

Northwest Power Planning Council



Western Electricity Study

At the April Council meeting, the Council staff presented an introduction to the Western Electricity Study. (Contact the central office for a copy of the accompanying paper.) The study, now underway, is designed to improve the Council's and the region's understanding of the opportunities presented by power transactions with other regions in the West.

The first year of the study will feature a series of briefing papers on the important characteristics of the western electricity system. The papers and the dates they are scheduled to be available are:

1. Western system overview--distributed in June/July.
2. Electricity demand and economic growth--distributed in June/July.
3. Current electrical resources--distributed in July/August.
4. Electric rates in western regions--distributed in July/August.
5. Interregional transactions--distributed in August/September.
6. Regulatory framework for electricity systems--distributed in September/October.
7. Planned future resources--distributed in October/November.
8. Load/resource balances--distributed in November/December.
9. Review of previous studies--distributed in December.

Please contact the central office if you would like to receive these papers.

System planning work plan

The Columbia Basin Fish and Wildlife Authority will be presenting a system planning work plan to the Council at the Council's May 13-14 meeting. Called for in the 1987 Fish and Wildlife Program, the plan will describe the nature of the planning effort needed at both the subbasin and systemwide levels to reach the Council's goal of doubling salmon and steelhead runs in the Columbia River Basin.

Before the Council approves the work plan, it will be distributed for public review. Please call the central office to receive a copy.

Grande Ronde River conference

The future of the Grande Ronde River fishery is the subject of a conference planned for May 8-9, 1987, in La Grande, Oregon. Participants will review management plans and activities, including the Council's fish and wildlife program, that relate to the river's salmon and steelhead fisheries.

The conference will be held at Eastern Oregon State College's Zabel Auditorium. Registration is $15. Oregon Trout, Oregon State University Extension/Sea Grant Program and La Grande Tye One On Flycasters are sponsoring the conference.

For more information, contact Rick George, 505 "M" Avenue, La Grande, Oregon 97850, 503-963-6988 or Dan Guthrie, Department of Fisheries and Wildlife, Oregon State University, Corvallis, Oregon 97331, 503-754-4531.

update!

MCS update

Southeastern Idaho is now the hot spot in the region for recent adoptions of energy efficient building codes that meet the Council's model conservation standards (MCS). Here's the latest list of adopters with new adopters indicated by an asterisk (*).

Washington		Idaho
Cathlamet	*	Ammon
Cheney		Bingham County
Columbia County	*	Blackfoot
Elma		Bonneville County
Fife	*	Franklin City
Fircrest		Idaho Falls
McCleary	*	Iona
Milton	*	Ucon
Republic		
Seattle		
Stanwood		
Tacoma		
Wahkiakum County		

New directory available

The Council's staff has recently developed a directory describing organizations and agencies involved with the Council's work or in related areas. The directory was originally compiled for the use of the Council members and staff. However, because several other parties have expressed an interest in it, it is being distributed to a wider audience.

Please call the central office to receive a copy

Proposal for general MCS

The last issue of *Update!* announced that public hearings on a proposal for general model conservation standards (MCS) would be conducted during late May and June. The hearings have now been deferred until later this summer. *Update!* will carry the dates as soon as they are confirmed

The hearings deal with a proposed amendment to the 1986 Northwest Power Plan which describes general model conservation standards for all sectors and end-uses of electricity not already covered by the plan.

The current standards specify levels of energy efficiency for new electrically heated homes and all new commercial buildings. Recently the Council was petitioned to adopt standards for weatherization programs for existing houses. In response, the Council voted to seek public comment on a proposal to extend the model standards to conservation programs in general.

The proposal is available from the Council's central office.

For more information: Public Information & Involvement Division
Northwest Power Planning Council
850 S.W. Broadway, Suite 1100
Portland, Oregon 97205
Phone: 503-222-5161
Toll Free: **1-800-452-2324** (Oregon)
1-800-222-3355 (Idaho, Montana, Washington)

Meetings

All of the following meetings are open to the public. Call the toll-free telephone numbers listed in this publication to receive an agenda, either on a one-time only basis or regularly. Meeting times and locations are changed occasionally, please call to confirm each.

Council Meetings: May 13-14 at the Wenatchee Convention Center, Wenatchee, Washington. June 10-11 at the Ashland Hills Inn, Ashland, Oregon. July 8-9 at Templin's Hotel, Post Falls, Idaho. August 12-13 in Kalispell, Montana. September 9-10 at the Quality Inn Westbank, Idaho Falls, Idaho.

Staff Consultation--Heating Cost Consultation Group: There will be a consultation in late May at the Council's central office, in Portland, Oregon. Please call to receive an agenda.

The power plan calls for a comparison of the costs of heating new single-family homes with electricity, natural gas and oil. A consultation group of representatives of the oil, gas and electric industries, and other interested parties has been formed It is providing data and advising the Council's staff on the study.

State Agency Advisory Committee: June 18, at the Council's central office, in Portland, Oregon. The agenda includes avoided cost estimates, and incentive rates.

This advisory committee was formed in 1984 to ensure communication on issues of mutual interest between the Council and the various state utility and regulatory agencies.

Reservoir Mortality and Water Budget Effectiveness Technical Work Group: The 1987 Fish and Wildlife Program calls for the establishment of four technical work groups, chaired by the fishery agencies and tribes, to develop five-year research work plans for the following issues:

1. Reservoir mortality and water budget effectiveness
2 Fish disease problems
3 Hatchery effectiveness
4 Supplementation techniques

Members of the work groups will represent the region's fishery agencies, tribes, hydropower project operators, the Bonneville Power Administration and the Fish Passage Center.

The reservoir mortality and water budget effectiveness technical work group will hold its first meeting at 9 a.m. May 15, 1987, at the Fish Passage Center, 825 N.E. 20th Avenue, Suite 336, Portland, Oregon.

For more information, contact the Columbia Basin Fish and Wildlife Authority, Metro Center, Suite 170, 2000 S.W First Avenue, Portland, Oregon 97201, 503-294-7031.

Editor: Ruth L. Curtis
Northwest Power Planning Council
850 S.W. Broadway, Suite 1100
Portland, Oregon 97205

update!

PRESORTED FIRST CLASS
U.S. POSTAGE
PAID
PERMIT NO. 1709
PORTLAND, OR

ORDER PUBLICATIONS FROM
JUDY ALLENDER,
PUBLIC INVOLVEMENT DIVISION
Telephone number: 503-222-5161
Toll free: 1-800-452-2324 (Oregon)
1-800-222-3355 (Idaho, Montana, Washington)
(Note: not all publications are available immediately, but will be sent to you as soon as possible.)

Recent Council publications

Staff Report: Introduction to the Western Electricity Study. See news item.

Directory of Organizations. See news item.

System Planning Work Plan. See news item.

Staff Report on Methodology for Computing Fish Spill Costs. Deals with the cost of the Council's program at the mainstem dams to protect young fish migrating to the ocean by releasing or "spilling" fish-laden water through the spillways rather than through the turbine units.

Proposed Amendment to the 1986 Northwest Power Plan: Model Conservation Standards for General Conservation Programs. See news item.

Status Report on the National Appliance Efficiency Law and the Northwest. Presented at the April 8-9 Council meeting, the report describes the key provisions of the national appliance efficiency law and evaluates the impact of the law in the Northwest, both in terms of electricity savings and legislative action.

1987 Columbia River Basin Fish and Wildlife Program. The new fish and wildlife program will be available this spring. Adopted in February, the program addresses the damage done to the basin's fish and wildlife as a result of hydropower development and operations.

Those people who received the *Draft Amendment Document* will receive the program automatically.

Response to Comments: 1987 Columbia River Basin Fish and Wildlife Program. Describes the comments received on the draft program and the Council's response.

1986 Northwest Power Plan. The 20-year electrical power plan for the Northwest (2 volumes).

333.79050r.)
M26upd Update

Vol 4 #5

Volume 4, Number 5
May 29, 1987

update!

Northwest Power Planning Council

Summer spill agreement reached

Juvenile salmon and steelhead in the Columbia River Basin will receive help migrating seaward during this low water year, thanks to an historic agreement between representatives of the region's fisheries and hydropower system operators.

In a May 22 agreement, the U.S. Army Corps of Engineers, the Bonneville Power Administration, the Northwest Power Planning Council, federal and state fishery agencies, and Indian tribes agreed to spill water at federal dams this summer beyond the minimum level established by the Council's fish and wildlife program. This extra spill will divert the young fish past turbines at hydropower dams, increasing their survival enroute to the Pacific Ocean.

Significant numbers of juvenile fish migrating downstream are killed at these projects, primarily by passing through dam turbine units. It is estimated that 10 to 30 percent of the fish are lost at each project without screens across the turbine intakes. Fish migrating from the upriver areas have to pass a number of unscreened projects and suffer a substantial mortality rate.

The Corps, Bonneville and the Bureau of Reclamation also agreed to provide additional water flows from Grand Coulee Dam to help boost flows in the lower reaches of the Columbia River. This will help offset the lower water levels in the Snake River, aiding the juvenile fish as they move past McNary and John Day dams. These additional flows should increase survival during the low water conditions expected at the height of this year's spring migration.

Two panels discuss housing

Manufactured housing and appraising energy-efficient homes will be the topics two panels will discuss with the Council at the June 10-11 meeting in Ashland, Oregon.

Industry and government representatives on the first panel will comment on implementing the Council's model conservation standards (MCS) in the construction of manufactured housing. The standards specify levels of energy efficiency for new electrically heated homes and all new commercial buildings. In the Northwest, manufactured homes account for about 30 percent of all new single-family housing starts and have the potential for saving a significant amount of electricity.

The treatment of the model standards by the lending and appraising industries is the subject of the second panel. Many builders feel that both lenders and appraisers often have difficulty recognizing the value of energy-efficient construction. This panel will be composed of appraisers, bankers and developers.

Hood River Project completed

Concluding this spring and attracting international attention, the Hood River Conservation Project was a unique effort to show how much energy can be saved if an entire community weatherized its homes and how much participation is possible. Beginning in 1983, free weatherization was offered to residents with electrically heated homes in Hood River County, Oregon, and the adjacent community of Mosier. More than 90 percent of the eligible population participated.

The project's final report, *Cooperation and Community Conservation: The Hood River Conservation Report*, will be available this summer. Order copies from: Hood River Conservation Project, 440 PFFC, Pacific Power and Light Co., 920 S.W. Sixth, Portland, Oregon 97204.

update!

Council budget released

The Northwest Power Planning Council is seeking public comment on its draft budget for Fiscal Years 1988 and 1989. Comment will be taken at the June 10-11 meeting in Ashland, Oregon, and written comment will be accepted through June 19, 1987. The Council expects to adopt a final budget at the July 8 and 9 meeting and transmit it to the Bonneville Power Administration shortly thereafter. Contact the central office for a copy of the Council's budget.

Funding for the Council (subject to certain limits) is provided by Bonneville, a self-financing federal agency, not the federal treasury or any state government in the region. Expenses of the Council are included in Bonneville's annual budget submitted to Congress.

The revised Fiscal Year 1988 budget for the Council is $6,221,000 and the Fiscal Year 1989 budget is $6,351,000. This compares to the Fiscal Year 1986 budget of $6,536,000. The revised budgets include the Council's efforts to monitor the implementation of both the fish and wildlife program and the power plan.

These draft budgets could be increased significantly because of funding requirements for the system/subbasin planning responsibility stemming from the 1987 Fish and Wildlife Program amendments (see next item).

System planning work plans

The Columbia Basin Fish and Wildlife Authority submitted a draft system planning work plan and budget to the Council on May 1, 1987. Called for in the 1987 Fish and Wildlife Program, the plan describes the planning effort needed at both the subbasin and systemwide levels to reach the Council's goal of doubling salmon and steelhead runs in the Columbia River Basin. The Council is holding consultations on the work plan and budget and is seeking comment at the June 10-11 Council meeting. Please call the central office to receive a copy.

Rivers study meetings

The Oregon Department of Energy is hosting a series of workshop-briefings around the state this summer to inform people of activities associated with the Pacific Northwest Rivers Study. The study will help forecast how much hydropower can be developed in the region; help the Council consider protected areas for fish and wildlife in the Columbia Basin; and rank potential hydropower sites based on fish and wildlife concerns. These meetings will be:

- June 18; Bend, Oregon, at the Riverhouse, 3075 N. Highway 97, 7:30 p.m.
- June 22; Portland, Oregon, at the Housing Center, 1555 S.W. Bangy Road, Lake Oswego, 7:30 p.m.
- June 25; Medford, Oregon, at the Bureau of Land Management office, 3040 Biddle Road, 7:30 p.m.

For more information, call the Oregon Department of Energy, 1-800-221-8035 or 503-378-4040.

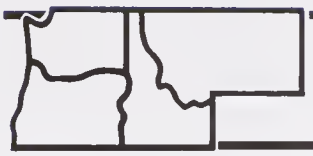
Meeting notices changing

There will be a change in the method used by the Council to announce its meetings, if a proposal being considered is approved.

Currently, meetings are officially announced in the *Federal Register*. Most people, however, obtain this information from *Update!*. The proposal is to discontinue the *Federal Register* notices, except for a yearly notice listing the current advisory committees and stating that information about meetings is available from the Council's Public Information and Involvement Division. Notices of rulemakings and other actions would still be announced in the *Federal Register* as well as in *Update!*

A copy of the proposal is available from the Council's central office. Public comment will be taken on a schedule to be announced.

For more information: Public Information & Involvement Division
Northwest Power Planning Council
850 S.W. Broadway, Suite 1100
Portland, Oregon 97205
Phone: 503-222-5161
Toll Free: **1-800-452-2324** (Oregon)
1-800-222-3355 (Idaho, Montana, Washington)



Meetings

All of the following meetings are open to the public. Call the toll-free telephone numbers listed in this publication to receive an agenda, either on a one-time only basis or regularly. Meeting times and locations are changed occasionally. To confirm, please call Council offices two days prior to the meeting.

Council Meetings: June 10-11 at the Ashland Hills Inn, Ashland, Oregon. July 8-9 at Templin's Hotel, Post Falls, Idaho. August 12-13 in Kalispell, Montana. September 9-10 at the Quality Inn Westbank, Idaho Falls, Idaho.

New Committee: New Commercial Model Conservation Standards Technical Advisory Committee: There will be a meeting in July. Please call to confirm date, location and agenda.

As one of the first steps in its review of model conservation standards for new non-residential buildings, the Council chartered this advisory committee at the May 13-14, 1987, meeting to assist Council staff in this review.

Staff Consultation--Heating-Cost Consultation Group: A consultation is tentatively scheduled for June 30 at the Council's central office in Portland, Oregon. Please call to confirm the date and to receive an agenda.

The power plan calls for a comparison of the costs of heating new single-family homes with electricity, natural gas and oil. A consultation group of representatives of the oil, gas and electric industries, and other interested parties has been formed to provide data and advise the Council's staff on the study.

State Agency Advisory Committee: June 18, at the Council's central office in Portland, Oregon. The agenda includes avoided cost estimates and incentive rates.

This advisory committee ensures communication on issues of mutual interest between the Council and the various state utility and regulatory agencies.

Hydropower Assessment Steering Committee: June 22, 10 a.m. at the Council's central office in Portland, Oregon. July 16, location and time to be announced.

This is a joint fish and wildlife and power planning committee advising the Council on studies designed to assess the Northwest's existing and potential hydropower sites and to keep future hydroelectric dams from harming fish and wildlife resources.

Rock Island Dam settlement

This May, Northwest fishery agencies, Indian tribes and utilities agreed to a proposed settlement for the Rock Island Dam fish passage dispute. This has been one of the most difficult issues to resolve in the Columbia Basin.

The settlement calls for developing and installing bypass systems to move fish past the dam without going through the turbine units; building a hatchery capable of producing 250,000 pounds of juvenile salmon; and spilling water over the dam in the spring and summer to protect migrating juvenile fish.

Rock Island Dam, owned by Chelan County Public Utility District No. 1 and located near Wenatchee, Washington, is the oldest dam on the Columbia River. It has been the subject of litigation since the 1970s because, according to the petitioning fishery agencies and tribes, it fails to adequately protect juvenile fish attempting to migrate past the dam to the ocean. The Council became an intervenor in the proceedings in 1983 to ensure that its fish and wildlife program was properly taken into account.

In the summer of 1986, the parties entered into settlement negotiations and, this year, developed the proposed settlement. The settlement has been submitted to the Federal Energy Regulatory Commission and will take effect when the Commission approves it.

The Council has invited the parties to propose amendments to the Columbia River Basin Fish and Wildlife Program to make the program and the settlement consistent.

ORDER PUBLICATIONS FROM
JUDY ALLENDER,
PUBLIC INVOLVEMENT DIVISION
Telephone number: 503-222-5161
Toll free: 1-800-452-2324 (Oregon)
1-800-222-3355 (Idaho, Montana,
Washington)
(Note: not all publications are available immediately, but will be sent to you as soon as possible.)

PRESORTED FIRST CLASS
U.S. POSTAGE
PAID
PERMIT NO. 1709
PORTLAND, OR

update!

Editor: Ruth L. Curtis
Northwest Power Planning Council
850 S.W. Broadway, Suite 1100
Portland, Oregon 97205

Recent Council publications

Western Electricity Study: The first two papers in the study will be available in June. Those people who received the *Introduction to the Western Electricity Study*, will receive these automatically.

Draft Briefing Paper: Western System Overview.

Draft Briefing Paper: Electricity Use in the Western U.S. and Canada.

Energy Efficiency and Manufactured Housing in the Northwest: An Overview. Provides background information on the current and projected energy efficiency of new manufactured homes being sited in the Northwest.

System Planning Work Plan. See news item.

Proposed Modification in Method of Notification. See news item.

Draft Fiscal Year 1989 Budget and Fiscal Year 1988 Revisions. See news item.

Proposed Amendment to the 1986 Northwest Power Plan: Model Conservation Standards for General Conservation Programs. Dates for public hearings have not yet been set.

1987 Columbia River Basin Fish and Wildlife Program. The new fish and wildlife program will be available this summer. Adopted in February, the program addresses the damage done to the basin's fish and wildlife as a result of hydropower development and operations.

Those people who received the *Draft Amendment Document* will receive the program automatically.

Response to Comments: 1987 Columbia River Basin Fish and Wildlife Program. Describes the comments received on the draft program and the Council's response.

1986 Northwest Power Plan. The 20-year electrical power plan for the Northwest (2 volumes).

S Update (Portland,
333.79050r.)
M26upd Update

VOL 4 #7

update!

Volume 4, Number 7
August 27, 1987

Northwest Power Planning Council

Umatilla hatchery amendment

The use of a technique called "oxygen supplementation" at a hatchery in northeastern Oregon is the subject of a proposed amendment to the Council's fish and wildlife program.

The program currently calls for the Bonneville Power Administration to fund the development of the hatchery to produce 160,000 pounds of summer steelhead and chinook salmon. The hatchery is to be located on the Columbia River, near the mouth of the Umatilla River. Fish agencies, tribes and Bonneville are interested in using the hatchery as a demonstration project to test the oxygen supplementation technique, which allows greater numbers of fish to be raised in the hatchery's ponds. The hatchery's capacity could be increased to approximately 290,000 pounds using the new technique.

Although the oxygen supplementation procedure is untested for ocean-migrating salmon and steelhead in the Columbia River Basin, it has been used successfully on steelhead and other trout in the Great Lakes. The Umatilla hatchery is expected to be a good location for testing the technique because the water supply would rely entirely on groundwater. That factor could reduce the possibility of disease.

At the August meeting in Montana, the Council voted to consider the amendment. Public comment on the proposal is requested. Written comments will be accepted through September 30, 1987. Oral comment will be taken at the following public hearings:

- September 9, 9 a.m.--Idaho Falls, Idaho. City Council Chambers, the Electric Building, 140 S. Capital. (Combined with the general model conservation standards amendment hearing.)
- September 15, 9 a.m.--Yakima, Washington. Towne Plaza Motor Inn, Veranda Room, N. 7th Street and E. Yakima Avenue.
- September 21, 10 a.m.--Helena, Montana. Northwest Power Planning Council office, First Floor, 1301 Lockey Street.
- September 25, 9 a.m.--Portland, Oregon. Northwest Power Planning Council, Central Office, Suite 1100, 850 S.W. Broadway.

To reserve a time slot at one of the hearings or to request a copy of the proposed amendment, call Ruth Curtis at the Council's central office 503-222-5161 (toll free 1-800-452-2324 in Oregon, 1-800-222-3355 in Washington, Idaho or Montana).

The fish agencies and tribes are preparing a master plan detailing proposed operations at the Umatilla hatchery. If the Council approves oxygen supplementation testing, the technique could be included in the master plan, which is expected to be submitted to the Council in October for a final decision in December 1987. Construction of the hatchery is scheduled to begin in mid-1988.

1987 Fish and Wildlife Program available

The Northwest Power Planning Council's *1987 Columbia River Basin Fish and Wildlife Program* is now available.

The program is, quite possibly, the most ambitious effort in the world to save a biological resource. It represents a concerted effort by the fishery agencies, electric utilities, Indian tribes and others to rebuild the fish and wildlife species that have been harmed by hydropower development and operation in the Columbia River Basin.

First adopted by the Council in 1982, it was amended in February 1987. The new program describes the effort to rebuild fish and wildlife populations, assesses the accomplishments of the past five years, and sets a course for future actions.

The program is available from the Council's central office in Portland, Oregon.

update!

BPA partnership marketing proposal

In response to declining revenues and a large potentially long-term, regional electricity surplus, the Bonneville Power Administration has proposed seven in-region consumer marketing programs. (Bonneville wholesales the electricity produced by the federal dams to local utilities.) The proposed programs, called "The Bonneville Partnership: A Proposal," are aimed at users of electricity in all sectors of the economy.

The Council is distributing a staff analysis of the Bonneville proposal for public review. Please call the Council's central office to order a copy.

Public comment on the analysis will be taken at the September 9-10 Council meeting in Idaho Falls, Idaho.

Bonneville's marketing proposal consists of seven different programs:

1. Special rates that local utilities could offer to new and expanding industries;

2. Incentives to activate idle capacity that utilities would offer industrial plants operating at less than full capacity due to unprofitable market conditions;

3. An industrial technical assistance program in which Bonneville and utilities would work together to provide information on energy-efficient technologies to the utilities' industrial customers;

4. Commercial design assistance to provide building owners, designers and others with technical assistance and information about energy-efficient commercial building design and equipment;

5. A program to allow utilities to experiment with creative ideas to use surplus electricity;

6. A pilot incentive program to assist public utilities in regaining electricity sales that would otherwise be lost because of the use of wood for space heating; and

7. Special rates to utilities serving industries that are about to close facilities due to unprofitable market conditions. The industry would need to show that reduced energy costs would contribute to its continued viability.

Bonneville originally established September 1, 1987, as the date by which all comments on the proposal should be received. The Council discussed the proposal with representatives of utilities, industries and public interest groups at the August meeting in Montana. After the discussion, the Council decided to send the following comments to Bonneville:

1. The comment period should be extended and a second draft should be circulated for comment.

2. The proposal's programs need to include strong energy-efficiency requirements.

3. They should be redesigned to increase monetary benefits to the region or should specify non-monetary benefits.

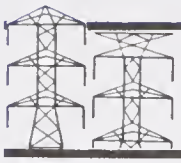
4. They should target areas with desirable electric loads characteristics.

5. The programs should not encourage consumers to switch from other types of fuels to electricity.

6. Bonneville already has the flexibility under the Northwest Power Act to establish attractive rates for new, large single loads.

Because Bonneville has extended the public comment period, the Council is distributing its staff's analysis for public review. The Council may submit additional comments after it has received comment on the analysis.

For more information: Public Information & Involvement Division
Northwest Power Planning Council
850 S.W. Broadway, Suite 1100
Portland, Oregon 97205
Phone: 503-222-5161
Toll Free: **1-800-452-2324** (Oregon)
1-800-222-3355 (Idaho, Montana, Washington)



Public power handbook

The Public Power Council has announced that its new guidebook, *Public Power Essentials*, will be available in late September.

The book reviews Northwest electrical industry history from the post-Civil War progressive movement to more recent events. It also examines the roles of such power institutions as the Bonneville Power Administration and the Northwest Power Planning Council.

Note: This is not a Northwest Power Planning Council publication. It is produced by the Public Power Council, which represents the Northwest's consumer-owned utilities. Copies are available at $15 per copy from the Public Power Council, Suite 729, 500 N.E. Multnomah, Portland, Oregon 97232. 503-232-2427.

Comment deadlines

The Council is currently accepting public comment on the following papers and issues. To order copies, please call the central office.

Deadline	Paper
September 11	Heating Cost Comparison Study.
September 11	Proposed Amendment regarding Model Conservation Standards for General Conservation Programs. (See July 31 *update!*.)
September 18	Yakima/Klickitat Central Outplanting Facilities Draft Master Plan.
September 30	Proposed Amendment regarding the Umatilla Hatchery.

Meetings

All of the following meetings are open to the public. Call the toll-free telephone numbers listed in this publication to receive an agenda, either on a one-time only basis or regularly. Meeting times and locations are changed occasionally. To confirm, please call Council offices two days prior to the meeting.

Council Meetings: **September 9-10** in the City Council Chambers, the Electric Building, 140 S. Capital, Idaho Falls, Idaho. **October 14-15** in the Old Supreme Courtroom, the Capitol Building, Helena, Montana. **November 11-12** at the Sheraton Tacoma Hotel, 1320 Broadway Plaza, Tacoma, Washington. **December 9-10** at the Northwest Power Planning Council's central office, 850 S.W. Broadway, Suite 1100, Portland, Oregon.

Council Committees: The Power Four will meet September 22 at 9 a.m. and the Fish Four will meet September 23 at 1 p.m. at the Council's central office in Portland, Oregon.

Hydropower Assessment Steering Committee: September 18, 10 a.m., at the Council's central office in Portland, Oregon. Please call to receive an agenda.

This is a joint fish and wildlife and power planning committee advising the Council on studies designed to review the Northwest's existing and potential hydropower sites and to ensure that future hydroelectric projects do not harm fish and wildlife resources.

Regional Evaluation Network: Late September in Seattle, Washington. Please call the central office for exact time and location. The agenda will include discussions on conservation in the commercial sector. (Previously, this network was the Pacific Northwest Utilities Conference Committee's Conservation Assessment Workgroup. The Council has assumed administration of the group.)

update!

Editor: Ruth L. Curtis
Northwest Power Planning Council
850 S.W. Broadway, Suite 1100
Portland, Oregon 97205

PRESORTED FIRST CLASS
U.S. POSTAGE
PAID
PERMIT NO. 1709
PORTLAND, OR

Recent Council publications

Review of "The Bonneville Partnership: A Proposal" Issue Paper. See news item.

History and Status of Energy Conservation Standards for New Commercial Building in the Northwest. To be presented at the September 9-10 Council meeting in Idaho Falls, Idaho. The first in a series of four papers that will focus on issues related to the proposed revision of the Council's model conservation standards for new non-residential buildings.

System Planning Work Plan. The plan identifies ways to achieve the Council's goal of doubling salmon and steelhead runs in the Columbia River Basin.

Yakima Klickitat Central Outplanting Facilities Draft Master Plan. Public comment will be taken at the September 9-10 Council meeting in Idaho Falls, Idaho.

Heating Cost Comparison Study. Public comment will be taken at the September 9-10 Council meeting in Idaho Falls, Idaho. Discusses the comparative costs of heating with electricity, natural gas and fuel oil.

Proposed Amendment Regarding the Umatilla Hatchery. See news item.

Analysis of Conservation Measures and Resources--Section 4(k) of the Northwest Power Act. An analysis of conservation measures and resources developed under the Act.

Western Electricity Study: The first papers in the study are available. Those people who received the *Introduction to the Western Electricity Study* will receive these automatically.

Draft Briefing Paper: Western System Overview.

Draft Briefing Paper: Electricity Use in the Western U.S. and Canada.

Draft Briefing Paper: Existing Generating Resources in the West. (Available soon.)

1987 Columbia River Basin Fish and Wildlife Program. See news item.

1986 Northwest Power Plan. The 20-year electrical power plan for the Northwest (2 volumes).

ORDER PUBLICATIONS FROM
JUDY ALLENDER,
PUBLIC INVOLVEMENT DIVISION
Telephone number: **503-222-5161**
Toll free: **1-800-452-2324** (Oregon)
1-800-222-3355 (Idaho, Montana, Washington)
(Note: not all publications are available immediately, but will be sent to you as soon as possible.)

S Update (Portland,
333.73050r.)
M26upd Update

Vol 4 #6

update!

Volume 4, Number 6
July 31, 1987

Northwest Power Planning Council

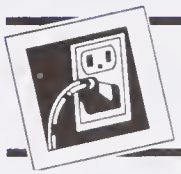
Yakima and Umatilla fish hatcheries

An issue paper on the Yakima-Klickitat outplanting facility master plan is being presented at the August 12-13 Council meeting and will be distributed to the public. Comment will be taken at the September meeting.

The outplanting facility will produce fish to supplement natural fish runs and to test the effectiveness and potential of various modern hatchery operations. The proposed master plan calls for the development of central sites and satellite sites in both the Klickitat and Yakima river basins. Production in the Yakima Basin would focus on spring chinook, fall chinook, steelhead and coho. The Klickitat sites would focus on spring chinook and steelhead. These facilities should produce an estimated 76,000 to 175,000 adult fish for the Northwest.

A hatchery in the Umatilla River Basin of Oregon is also on the August meeting agenda. The Council's fish and wildlife program had called for the facility to be enlarged from its original purpose of producing 40,000 pounds of summer steelhead to 160,000 pounds each year and also producing chinook salmon. Fish agencies, tribes and the Bonneville Power Administration are interested in using the hatchery as a demonstration project to test a technique called "oxygen supplementation." This technique allows greater numbers of fish to be raised in the ponds and would raise the capacity of the hatchery to approximately 290,000 pounds.

The Council will consider entering a rulemaking procedure to amend the program to allow this change. If it does consider the amendment, public comment will be taken, and hearings will be held in each state. Please call the central office to receive a copy of the proposed amendment (available only if the Council decides to have a rulemaking procedure.)



Hearings set on general MCS

The Northwest Power Planning Council is considering an amendment to its Northwest Power Plan that would describe general model conservation standards (MCS) for all sectors and end-uses of electricity not already covered by model standards.

The proposed amendment would apply to new and existing structures, utility, customer and governmental conservation programs, and other consumer actions for achieving conservation.

The following public hearings have been scheduled:

- August 12, 1:30 p.m.--Kalispell, Montana. Outlaw Inn, 1701 Highway 93 South. (The first item on Council meeting agenda.)
- August 21, 1 p.m.--Spokane, Washington. Sheraton Hotel, Trentwood Mead Room, N. 322 Spokane Falls Court.
- August 24, 3 p.m.--Salem, Oregon. Conference Room D, Oregon Department of Energy 625 Marion N.E. (corner of Marion and Church).
- September 10, 1:30 p.m.--Idaho Falls, Idaho. City Council Chambers, the Electric Building, 140 S. Capital.

To reserve a time-slot at one of the hearings, call Ruth Curtis at the Council's central office 503-222-5161 (toll free 1-800-452-2324 in Oregon, 1-800-222-3355 in Washington Idaho or Montana).

(Continued on next page.)

The proposed amendment recommends that, during the Northwest's current period of electricity surplus, conservation activities that can be deferred without detrimental consequences should be. Where a government or a utility chooses to carry out conservation activities during this period, the proposal sets forth several objectives that should be met. The proposed amendment does not include a surcharge recommendation.

The deadline for receiving written comment is 5 p.m., Friday, September 11, 1987. A decision on the proposed amendment will be made mid-October. The proposal is available from the Council's central office.

Meetings

All of the following meetings are open to the public. Call the toll-free telephone numbers listed in this publication to receive an agenda, either on a one-time only basis or regularly. Meeting times and locations are changed occasionally. To confirm, please call Council offices two days prior to the meeting.

Council Meetings: **August 12-13** at the Outlaw Inn, 1701 Highway 93 South, Kalispell, Montana. **September 9-10** in the City Council Chambers, the Electric Building, 140 S. Capital, Idaho Falls, Idaho. **October 14-15** in the Old Supreme Courtroom, the Capitol Building, Helena, Montana. **November 11-12** at the Sheraton Tacoma Hotel, 1320 Broadway Plaza, Tacoma, Washington.

On July 22, 1987, the Council held a closed meeting pursuant to Section c(9)(B) of the Sunshine Act. The meeting was closed by unanimous vote of the Council members.

System Planning Open Consultation: August 6, 1 p.m., at the Council's central office. An informational meeting to discuss the organization of the planning process for rebuilding salmon and steelhead runs. See news item on system planning.

State Agency Advisory Committee: August 14, 9 a.m., at the Outlaw Inn, 1701 Highway 93 South, Renegade Rustler Room, Kalispell, Montana. The agenda includes: PURPA pricing policies for qualifying facilities, the analysis of conservation pursuant to Section 4(k) of the Northwest Power Act, and the Bonneville Power Administration intertie access policy.

Hydropower Assessment Steering Committee: August 25, 10 a.m., at the Council's central office in Portland, Oregon. Please call to receive an agenda.

This is a joint fish and wildlife and power planning committee advising the Council on studies designed to review the Northwest's existing and potential hydropower sites and to ensure that future hydroelectric projects do not harm fish and wildlife resources.

Research Technical Work Groups: The reservoir mortality and water budget effectiveness technical work group will meet on August 6 at the Fish Passage Center, 825 N.E. 20th Avenue, Suite 336, Portland, Oregon.

The hatchery effectiveness technical work group will meet on August 13 in Portland, Oregon.

The supplementation techniques technical work group will meet on August 4 and 18 at the Bonneville Power Administration, 1500 Irving Street, Room 4441, Portland, Oregon.

The 1987 Fish and Wildlife Program calls for the establishment of these technical work groups, chaired by the fishery agencies and tribes, to develop five-year research work plans. Members of the work groups represent the region's fishery agencies, tribes, hydropower project operators, the Bonneville Power Administration and the Fish Passage Center.

For more information, contact the Columbia Basin Fish and Wildlife Authority, Metro Center, Suite 170, 2000 S.W. First Avenue, Portland, Oregon 97201, 503-294-7031.

For more information: Public Information & Involvement Division
Northwest Power Planning Council
850 S.W. Broadway, Suite 1100
Portland, Oregon 97205
Phone: 503-222-5161
Toll Free: **1-800-452-2324** (Oregon)
1-800-222-3355 (Idaho, Montana, Washington)

Housing for the '90s

"Housing for the '90s. Meeting the challenges of a changing market" is the subject of a November 2-5 conference being held at the Sheraton Tacoma Hotel in Tacoma, Washington. It is designed for members of the shelter industry who are looking for ways to meet coming challenges and to take advantage of business opportunities. The conference will:

- examine up-to-date, cost-effective ways to improve marketability, comfort, and energy efficiency in housing, and
- spotlight trends in the economy and the housing market that will shape coming industry challenges and opportunities.

The Northwest Power Planning Council and the Bonneville Power Administration are co-sponsoring the conference, as are several other government, utility, and builder organizations.

For more information, contact the Energy Business Association, 420 Maritime Building, 911 Western Avenue, Seattle, Washington 98104, 206-622-7171.

Northwest rivers conference

"Northwest Rivers--A Celebration of Free-Flowing Rivers" will be held on Saturday and Sunday, October 3-4, 1987 at the Mountaineers Clubhouse, 300 Third Avenue West, in Seattle, Washington. Hundreds of conservationists, river boaters and fishermen will look at what makes Northwest rivers special, review the conservation options for protecting the rivers, and participate in workshops on river recreation.

As part of the conference, Dr. Peter Paquet, of the Northwest Power Planning Council's staff, will discuss its fish and wildlife program with the participants.

(Continued)

Sponsors of the conference include the Northwest Rivers Council, Washington Wilderness Coalition, the Northwest Steelheaders, the National Park Service, and the Northwest Power Planning Council, along with several other organizations.

For more information: Jennie Goldberg, Northwest Rivers Council, 206-361-9310.

System planning moving ahead

At the July meeting, the Northwest Power Planning Council approved the work plan to produce a system plan which will identify ways to achieve the Northwest Power Planning Council's goal of doubling salmon and steelhead runs in the Columbia River Basin.

The process involves participants from state and federal agencies, utilities, local governments and public interest groups. An open consultation on August 6 will provide interested parties with information on the planning process.

System planning is the process called for in the 1987 Columbia River Basin Fish and Wildlife Program to determine how best to meet the Council's goal of doubling salmon and steelhead runs. The process treats the entire basin as a whole: planning will take place at the subbasin level to determine how the 31 subbasins can contribute to the doubling goal. The subbasin plans will be integrated into a systemwide plan to ensure that they are consistent with each other and with the overall policies of the fish and wildlife program.

Please call the Council's central office for a copy of the work plan.

update!

Editor: Ruth L. Curtis
Northwest Power Planning Council
850 S.W. Broadway, Suite 1100
Portland, Oregon 97205

PRESORTED FIRST CLASS
U.S. POSTAGE
PAID
PERMIT NO. 1709
PORTLAND, OR

ORDER PUBLICATIONS FROM
JUDY ALLENDER,
PUBLIC INVOLVEMENT DIVISION
Telephone number: 503-222-5161
Toll free: 1-800-452-2324 (Oregon)
1-800-222-3355 (Idaho, Montana, Washington)
(Note: not all publications are available immediately, but will be sent to you as soon as possible.)

Recent Council publications

System Planning Work Plan. See news item.

Yakima Central Outplanting Facilities Draft Master Plan. See news item.

Proposed amendment dealing with the Umatilla Hatchery. See news item.

Heating Cost Comparison Study. The staff will present this study at the August 12-13 Council meeting. Discusses the comparative costs of heating with electricity, natural gas, and fuel oil.

Analysis of Conservation Measures and Resources--Section 4(k) of the Northwest Power Act. An analysis of conservation measures and resources developed under the Act.

The Council's Strategy for Improving Fish Passage. Paper by James D. Ruff, staff hydrologist, to be presented at "Waterpower '87," a conference sponsored by the American Society of Civil Engineers on August 19-21 in Portland, Oregon.

Western Electricity Study: The first two papers in the study are or soon will be available. Those people who received the *Introduction to the Western Electricity Study* will receive these automatically.

Draft Briefing Paper: Western System Overview.

Draft Briefing Paper: Electricity Use in the Western U.S. and Canada.

1987 Columbia River Basin Fish and Wildlife Program. The new fish and wildlife program will be available this summer. Adopted in February, the program addresses the damage done to the basin's fish and wildlife as a result of hydropower development and operations. Those people who received the *Draft Amendment Document* will receive the program automatically.

1986 Northwest Power Plan. The 20-year electrical power plan for the Northwest (2 volumes).

Proposed Modification in Method of Notification. This is a proposed change in the method used by the Council to announce its meetings. It proposes to continue including meeting notices in this publication rather than the *Federal Register*. Public comment is being taken at the August 12-13 Council meeting.

333.79050r.)
M26upd Update

Vol 4 #5

update!

Volume 4, Number 5
June 29, 1987

Northwest Power Planning Council

Analysis of conservation

In the Northwest Power Act of 1980, conservation is considered a power resource, the equivalent of hydroelectricity or thermal power. To ensure conservation is given priority, the law gives it a 10 percent cost advantage.

But there was a check put into the law. The Council was directed to complete, by October 1, 1987, a thorough analysis of conservation measures and resources implemented since the Act was passed. The analysis will be used by the Administrator of the Bonneville Power Administration to determine whether that 10 percent advantage should be applied in future cost-effectiveness evaluations.

The Council is directed to study whether the conservation measures and resources have:

- resulted in costs to consumers in the Northwest greater than the costs of adding additional generating resources;
- not been equitably distributed to all consumers in the Northwest; or
- impaired the ability of the Bonneville Administrator to carry out his obligations.

The Council will discuss this conservation study at the July 8-9 Council meeting in Post Falls, Idaho. A paper will be distributed for public comment later this summer. Please contact the central office if you would like to receive the paper.

Wenatchee projects completed

Travelers crossing Stevens Pass in the Washington Cascades may have noticed the recent construction work at two small, decommissioned dams on the Wenatchee River.

These dams, Dryden and Tumwater, are hydroelectric projects owned by the Chelan County Public Utility District. They were built in the early 1900s and have been decommissioned since 1957. Unfortunately, adult salmon and steelhead trying to migrate up the Wenatchee were delayed at these dams due to old, inadequate fish ladders.

This year their migration will be easier. In its fish and wildlife program, the Council called on the Bonneville Power Administration to fund the construction of two new fish ladders at Dryden Dam and one at Tumwater Dam. The new ladders have been completed and operational since April 1987, and will be dedicated in late July.

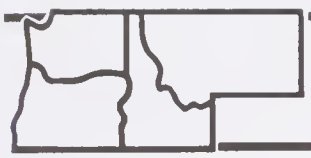
Bonneville anniversary celebration

The Corps of Engineers and the Bonneville Power Administration have invited Northwesterners to an August 8 celebration of Bonneville's 50th anniversary. The event will be held at Bonneville Dam, located an hour's drive east of Portland, Oregon.

Oregon's Senator Mark Hatfield, Washington's Representative Thomas Foley and former Washington Senator Warren Magnuson are scheduled to take part in the event. Magnuson signed the original Bonneville Project Act in 1937, which created the Bonneville Power Administration.

(continued on next page)

The celebration at the dam will begin at 8 in the morning. Visitors should park at the visitor's center on the Washington side of the river. Shuttle buses will take people across the top of Bonneville Dam to the center of the festivities in the Oregon-side visitor's center. Tours of the dam, movies and slideshows will be part of the day's events. In addition, bluegrass bands will perform, and there will be a no-host barbecue. For more information, call the Bonneville Power Administration at 503-230-5131.



Meetings

All of the following meetings are open to the public. Call the toll-free telephone numbers listed in this publication to receive an agenda, either on a one-time only basis or regularly. Meeting times and locations are changed occasionally. To confirm, please call Council offices two days prior to the meeting.

Council Meetings: July 8-9 at Templin's Hotel, Post Falls, Idaho. August 12-13 in Kalispell, Montana. September 9-10 in the City Council Chambers, the Electric Building, 140 S. Capitol, Idaho Falls, Idaho. October 14-15 in Helena, Montana.

New Committee: New Commercial Model Conservation Standards Technical Advisory Committee: As one of the first steps in its review of model conservation standards for new non-residential buildings, the Council chartered this advisory committee to assist Council staff in this review. The first meeting will tentatively be August 4 at the Council's central office, in Portland, Oregon. Please call to confirm.

Hydropower Assessment Steering Committee: July 16, 10 a.m., at the Council's central office in Portland, Oregon. Please call to receive an agenda. This is a joint fish and wildlife and power planning committee advising the Council on studies designed to review the Northwest's existing and potential hydropower sites and to keep future hydroelectric dams from harming fish and wildlife resources.

Research Technical Work Groups: The 1987 Fish and Wildlife Program calls for the establishment of four technical work groups, chaired by the fishery agencies and tribes, to develop five-year research work plans for the following issues:

1. Reservoir mortality and water budget effectiveness
2. Fish disease problems
3. Hatchery effectiveness
4. Supplementation techniques

Members of the work groups represent the region's fishery agencies, tribes, hydropower project operators, the Bonneville Power Administration and the Fish Passage Center.

The reservoir mortality and water budget effectiveness technical work group will meet on July 7, 9, 23 and August 6 at the Fish Passage Center, 825 N.E. 20th Avenue, Suite 336, Portland, Oregon.

The fish disease problems technical work group will meet on July 2,13 and 30 at the U.S. Fish and Wildlife Service office, 9317 Highway 99, Suite 1, Vancouver, Washington.

The hatchery effectiveness technical work group will meet on July 7, 14, 28 and August 13 in Portland, Oregon.

The supplementation techniques technical work group will meet on July 7,14, 28 and August 4 and 18 at the Bonneville Power Administration, 1500 Irving Street, room 4441, Portland Oregon.

For more information, contact the Columbia Basin Fish and Wildlife Authority, Metro Center, Suite 170, 2000 S.W. First Avenue, Portland, Oregon 97201, 503-294-7031.

For more information: Public Information & Involvement Division
Northwest Power Planning Council
850 S.W. Broadway, Suite 1100
Portland, Oregon 97205
Phone: 503-222-5161
Toll Free: **1-800-452-2324** (Oregon)
1-800-222-3355 (Idaho, Montana, Washington)

Salmon and steelhead status

Fishery agencies and Indian tribes will make a presentation to the Council at the July 8-9 meeting on the status of Snake River salmon and steelhead.

The populations of some wild fish runs are critically low because of the destruction of habitat, and low stream flows in the Snake River and its tributaries. These runs are particularly important because the fish do not originate in hatcheries and therefore have preserved the genetic makeup that gives them the ability to make the long spawning migrations to the Snake River Basin.

Protecting critical fish and wildlife areas

At the July Council meeting, a panel composed of fishery interests will brief the Council on the results of a study identifying areas throughout the Columbia River Basin that should be protected from future hydroelectric development because of their importance to fish and wildlife.

Protected area designations would help ensure that ratepayer investments in fish and wildlife rehabilitation are not undermined by new hydroelectric development; give clearer signals to potential developers on areas that have important fish and wildlife resources; and supply information to the Federal Energy Regulatory Commission so that its hydropower licensing decisions better reflect the Northwest's interest in fish and wildlife protection.

The Council initiated this protected areas study in 1984. Data have been collected and reviewed by fish and wildlife and land management agencies, Indian tribes and the general public. Using this information, the four Northwest states are preparing their recommendations for protected areas

Non-federal ownership of the intertie

At its meeting on June 10-11, the Council discussed a proposal being considered by Congress to allow Northwest utilities to own approximately 800 megawatts of transmission capacity after the completion of the proposed third AC (alternating current) intertie--an electric power transmission line between the Northwest and California.

The Council was concerned that the decision would be made without adequate public input and could have economic and environmental effects in the Northwest. This concern was relayed to the Northwest congressional delegation.

On Tuesday, June 16, Northwest and California legislators worked out an agreement to write a letter to the Bonneville Power Administration requesting a study of the alternatives available for the use of the third AC intertie.

A coalition of generating utilities in the Northwest had been urging members of the House Appropriations Committee to include language that would direct Bonneville to permit non-federal utilities to acquire ownership in the third AC intertie, or its equivalent, subject to reasonable conditions.

Construction of the third AC transmission line is in the planning stage. The line will provide an additional 1,600 megawatts of capacity, largely belonging to Bonneville, with small shares for Portland General Electric and Pacific Power and Light. The 800 megawatts being considered for non-federal ownership would come out of Bonneville's share.

update!

Editor: Ruth L. Curtis
Northwest Power Planning Council
850 S.W. Broadway, Suite 1100
Portland, Oregon 97205

PRESORTED FIRST CLASS
U.S. POSTAGE
PAID
PERMIT NO. 1709
PORTLAND, OR

ORDER PUBLICATIONS FROM
JUDY ALLENDER,
PUBLIC INVOLVEMENT DIVISION
Telephone number: 503-222-5161
Toll free: 1-800-452-2324 (Oregon)
1-800-222-3355 (Idaho, Montana, Washington)
(Note: not all publications are available immediately, but will be sent to you as soon as possible.)

Recent Council publications

Western Electricity Study: The first two papers in the study are or soon will be available. Those people who received the *Introduction to the Western Electricity Study* will receive these automatically.

Draft Briefing Paper: Western System Overview.

Draft Briefing Paper: Electricity Use in the Western U.S. and Canada.

Yakima Central Outplanting Facilities Draft Master Plan. Available this summer.

Analysis of Conservation Measures and Resources--Section 4(k) of the Northwest Power Act. Available this summer. See news item.

Draft: 1987 Northwest Power Planning Council Annual Report. Available in July.

Fiscal Year 1989 Budget and Fiscal Year 1988 Revisions. Scheduled for final approval at the July Council meeting.

Proposed Modification in Method of Notification. This is a proposed change in the method used by the Council to announce its meetings. Public comment is being accepted through July 31, 1987.

Proposed Amendment to the 1986 Northwest Power Plan: Model Conservation Standards for General Conservation Programs. Dates for public hearings have not yet been set.

1987 Columbia River Basin Fish and Wildlife Program. The new fish and wildlife program will be available this summer. Adopted in February, the program addresses the damage done to the basin's fish and wildlife as a result of hydropower development and operations. Those people who received the *Draft Amendment Document* will receive the program automatically.

Response to Comments: 1987 Columbia River Basin Fish and Wildlife Program. Describes the comments received on the draft program and the Council's response.

1986 Northwest Power Plan. The 20-year electrical power plan for the Northwest (2 volumes).

333.79050r.)
M26upd Update

Vol 4 #8

update!

Volume 4, Number 8
October 1, 1987

Northwest Power Planning Council

Senate supports Columbia fish

Northwest Power Planning Council Chairman Bob Duncan has strong praise for Northwest Senators Mark Hatfield (Oregon), Dan Evans (Washington) and James McClure (Idaho) for their efforts to improve the survival of Columbia River salmon and steelhead.

The senators were key movers in the recent approval of a $10.8 million package by the Senate Appropriations Committee to be used for installing and improving juvenile fish passage facilities at U.S. Army Corps of Engineers' dams on the Columbia River. The appropriation is expected to be approved by the Senate sometime this fall.

The appropriation decision is a major increase over the Reagan administration's original $2.1 million budget proposal for the projects, according to Duncan. Duncan had earlier testified before an appropriations subcommittee on the need for the facilities and their economic importance to the Northwest. "These facilities are among the very highest priorities in the Council's fish and wildlife program. Dams without screens to deflect fish away from their turbines will kill 11 percent to 30 percent of the juvenile fish at each project. We believe we can cut these mortality levels in half if we can install adequate bypass screens at the dams," he told the senators.

In approving the money, the Senate committee had strong criticism for the administration's budget request, which would have delayed indefinitely a schedule to install fish bypass projects. The schedule, which calls for the last fish screen to be in place by 1993, is the result of a consensus reached by a coalition that included the Council, the Bonneville Power Administration, the Pacific Northwest Utilities Conference Committee, the Public Power Council, the Columbia River Inter-Tribal Fish Commission and the Columbia Basin Fish and Wildlife Authority.

The $10.8 million will be used for bypass improvements at Lower Granite and Little Goose dams and for new screens and fish bypass systems at The Dalles, Lower Monumental and Ice Harbor dams. All these dams are operated by the Corps of Engineers.

Juvenile salmon and steelhead mortality rates at mainstem Columbia dams are one of the leading causes of declines in anadromous (ocean-migrating) fish runs, which are currently about 15 percent of what they were 100 years ago. As the juvenile fish (smolts) head downstream to the ocean, they encounter up to nine hydropower projects on the Columbia. A number of fish are killed outright as they pass through the dam's turbines; others are so stunned and disoriented that they make easy targets for predators that wait on the downstream side of the dam. The cumulative impact of passage through several dams can result in losing the majority of the run.

Spilling water over the dams is one method of avoiding turbine mortality, but it is costly because the water cannot be used to generate electrical power. The Council considers permanent mechanical bypass systems to be the most economical long-term solution for safe fish passage. Typically, such systems include submerged screens that deflect the smolts from turbine intakes into a collection channel. The fish move through this channel into a transport flume, which is a conduit to the river below the dam.

Agenda inside

The agenda for the October 14-15 Northwest Power Planning Council meeting is included in this issue of *update!* This change was made to reduce the Council's mailing costs and decrease the amount of Council mail that readers receive.

update!

1987 Annual Report available

The Northwest Power Planning Council's Seventh Annual Report is being mailed this week to all subscribers of *Northwest Energy News*. Additional copies of the report, which describes the Council's activities this past year, are available from the Council's central office in Portland, Oregon.

The report covers the major activities for the year in fish and wildlife protection, power planning, and public involvement. It also includes sections on Congressional, legal and administrative activities.

A highlight of the report is a description of the comprehensive planning effort to increase salmon and steelhead runs in the Columbia River Basin. A major theme throughout the report, in both the fish and wildlife and power planning areas, focuses on the Council's efforts to be a "catalyst" for regional cooperation. In the report's introductory remarks, Chairman Bob Duncan notes "great strides with the Bonneville Power Administration in working out effective ways to resolve problems." He also praises the cooperative spirit of other Northwest parties including both fish and power interests.

Comment deadlines

The Council is currently accepting public comment on the following papers and issues. To order copies, please call the central office.

Deadline	Paper
October 16	History and Status of Energy Conservation Standards for New Commercial Buildings in the Northwest.
November 13	Policy Options for Commercial Model Conservation Standards.
November 17	Salmon and Steelhead Research Work Plans.

Commercial MCS status

Two papers on model conservation standards for commercial buildings are being distributed for public review. The model standards set energy-efficiency levels for new electrically heated homes and all new commercial buildings. The papers, on the history and status of the commercial standards and policy questions that the Council will address, are the first in a series of four papers that focus on issues related to a proposed revision of the Council's standards for new non-residential buildings.

Based on the analysis and comment received on these papers, the Council intends to release a draft rule on the standards for new non-residential buildings in the early spring of 1988. A decision on the revision is scheduled for mid-summer of 1988.

The Council adopted model conservation standards for new commercial (i.e., non-residential) buildings as part of the 1983 Power Plan. The initial standards were based on the technical provisions of the American Society of Heating, Refrigerating and Air-Conditioning Engineers/Illuminating Engineering Society of North America (ASHRAE/IES) Standard 90A-1980. This standard is a national consensus standard that serves as a model for the energy codes in the majority of the states.

The Council recently committed to revise the model standards for non-residential buildings for two reasons. First, Oregon and Washington have revised their energy codes, and Seattle has adopted a code for non-residential buildings since the Council first adopted its model standards. While these new codes are similar to the Council's standards, they contain some requirements that are more stringent. Second, both the U.S. Department of Energy and ASHRAE are updating sections of their non-residential building standards to contain more stringent provisions than the Council's model conservation standards.

Contact the Council's central office to request copies of the papers.

agenda

NORTHWEST POWER PLANNING COUNCIL

COUNCIL MEETING #118
Old Supreme Court Room, Room 325
Montana Capitol Building
Helena, Montana
9:00 a.m.

Wednesday, October 14, 1987

1. **Plan Implementation by Montana Investor-Owned Utilities:**
   Montana Power Company Super Good Cents Contract: Bill Thomas, Montana Power Company, and George Eskridge, Bonneville Power Administration.
   Stipulation of Pacific Power & Light Company, the Montana Consumer Counsel, and public interest groups: Panel to be announced.

2. **Public Comment on the Status of the Commercial Model Conservation Standards.**

3. **Council Decision on Proposed Model Conservation Standards for Regional Conservation Programs Other than those for New Residential and Commercial Buildings:** Tom Foley, Conservation Manager; and Margie Gardner, Conservation Analyst.

4. **Staff Presentation on Issue Paper on Policy Options for Commercial Model Conservation Standards:** Jim Litchfield, Director, Power Planning Division; and Tom Eckman, Conservation Analyst.

5. **Staff Presentation on Western Electricity Study Briefing Paper on Interregional Transactions:** Terry Morlan, Forecasting Manager; and John Fazio, Power System Analyst.

Thursday, October 15, 1987

6. **Council Decision on Umatilla Hatchery Amendment:** Rick Applegate, Director, Fish & Wildlife Division; and Ron Eggers, Manager, Biological Services.

7. **Council Decision on Yakima/Klickitat Outplanting Facility Master Plan:** Rick Applegate; Ron Eggers; and Janis Carpenter, Senior Policy Analyst.

8.* **Staff Presentation of Issue Paper on Protected Areas:** Rick Applegate; and Peter Paquet, Manager, Project Operations & Management.

9.* **Staff Presentation of Issue Paper on Salmon and Steelhead Research Work Plans:** Rick Applegate; and Willa Nehlsen, Biologist/Planner.

10. **Council Business:**
    - Annual Business Meeting and Election of Officers
    - Administrative Matters
    - Adoption of Minutes

11. **Public Comment:**
    - Will follow each item
    - Any other issues

The Council will hold an executive session to discuss internal personnel matters.

* If the Council finishes the Wednesday agenda items early, these two staff presentations may move to Wednesday.

For more information:
Public Information & Involvement Division
Northwest Power Planning Council
850 S.W. Broadway, Suite 1100
Portland, Oregon 97205
Phone:
503-222-5161
Toll Free: 1-800-452-2324 (Oregon)
1-800-222-3355 (Idaho, Montana, Washington)

Meetings

All the following meetings are open to the public. Call the toll-free telephone numbers listed in this publication to receive an agenda, either on a one-time basis or regularly. Meeting times, locations and agenda items are changed occasionally. To confirm, please call Council offices two days prior to the meeting.

Council Meetings: **October 14-15** in the Old Supreme Courtroom, the Capitol Building, Helena, Montana. **November 12-13 (Note date change due to November 11 holiday)** at the Sheraton Tacoma Hotel, 1320 Broadway Plaza, Tacoma, Washington. **December 9-10** at the Northwest Power Planning Council's central office, 850 S.W. Broadway, Suite 1100, Portland, Oregon.

Tentative meeting dates: January 13-14 in Portland, Oregon. **February 10-11** in Washington.

Council Committees: The Power Four will meet on October 27-28, and the Fish Four will meet on October 28-29. Both meetings will be at the Council's central office in Portland, Oregon.

Economic Forecasting Advisory Committee: October 19, 9 30 a.m., at the Council's central office in Portland, Oregon. Agenda will include. regional economy and loads, business cycles in Washington and the United States, the Western Electricity Study, and industrial model data revisions.

State Agency Advisory Committee: October 16 at the Park Plaza Hotel in Helena, Montana.

This advisory committee ensures communication on issues of mutual interest between the Council and the various state utility and regulatory agencies.

Salmon and Steelhead Research Work Plans Consultations: October 30, 9 30 a.m., at the Spokane Airport Ramada Inn, Spokane, Washington. November 5, 9:30 a.m., at the Council's central office in Portland, Oregon. November 9, 1:30 p.m., at the Idaho Water Resources Department, Boise, Idaho.

These consultations are to discuss the research work plans presented to the Council at the October 14-15 meeting. Contact the central office to receive a copy of the issue paper.

Council considers protecting streams

In 1984, the Council initiated an effort to identify areas throughout the Columbia River Basin that should be protected from future hydroelectric development because of their importance to fish and wildlife resources. Data have been collected and reviewed by fish and wildlife and land management agencies, Indian tribes and the general public.

Using this information, the four states prepared the recommendations for protected areas. These recommendations are being presented to the Northwest Power Planning Council at the October meeting in Helena, Montana. A discussion paper reviewing the suggestions is available to interested parties. Public comment will be taken through December, and the Council is expected to take action on the issue in early 1988.

Designation of protected areas could help ensure that ratepayer investments in fish and wildlife rehabilitation are not undermined by new development; give clearer signals to potential developers on the importance of fish and wildlife resources; and supply information to the Federal Energy Regulatory Commission that will help in its decisions on licenses for hydroelectric dams in the Northwest.

synopsis

September 9-10, 1987 meeting, Idaho Falls, Idaho

- The Council opened its meeting with two public hearings. The first is a proposed amendment to the Northwest Power Plan that would prescribe model conservation standards for all sectors and end-uses of electricity not now covered by a standard. The other hearing dealt with a proposed amendment to the fish and wildlife program, that would allow testing of a new technique called oxygen supplementation at the Umatilla hatchery in northeastern Oregon. Both amendments will be considered for adoption at the October meeting.

- The Council invited public comment on a master plan for a Yakima/Klickitat salmon and steelhead outplanting facility. The master plan was developed by the Yakima Indian Nation and three consultant firms under contract with the Council. The Council is expected to decide at its October meeting if the master plan is sufficient to justify moving to the design stage for the hatchery.

- Public comment was also taken on a staff analysis of the comparative costs of heating new homes with electric, natural gas and fuel oil systems. Final action on the analysis is expected at the November meeting.

- The Council voted to incorporate public comment into a report on conservation measures implemented pursuant to the Northwest Power Act. The report concluded that 1) conservation is a resource the region can rely on to meet future energy needs; 2) the region will be able to secure conservation at a lower cost than new generating resources or additional fuel; 3) the benefits of conservation have or will be distributed equitably throughout the region; 4) conservation programs have not impaired the Bonneville Power Administration's other statutory obligations; and, 5) conservation included in the Northwest Power Plan is the resource most compatible with planning for an uncertain future. The Council is sending the report to the Bonneville Administrator with the recommendation that the 10 percent cost advantage granted conservation by the Act be maintained.

- The Council discussed the Bonneville Power Administration's in-region power marketing proposal called, "The Bonneville Partnership." A paper on the proposal has been distributed for public review. There was no public comment at the meeting, but several organizations had submitted written comments.

- Syd Berwager, director of the Bonneville's division of residential programs, and John Elizalde, chief of Bonneville's residential retrofit branch, presented a status report on proposed revisions to the Bonneville residential weatherization program. The Council directed its staff to meet with Bonneville staff to resolve differences between the residential weatherization program and the power plan.

- As part of the Western Electricity Study, the Council's staff presented a briefing paper on existing generating resources in the West. The paper will be distributed to the public for comment.

- The staff presented a paper entitled "A Review of the Status and History of the Model Conservation Standards for New Commercial Buildings in the Northwest." This is the first of four papers dealing with model conservation standards for non-residential buildings. See news item.

Editor: Ruth L. Curtis
Northwest Power Planning Council
850 S.W. Broadway, Suite 1100
Portland, Oregon 97205

update!

Council Agenda Included

PRESORTED FIRST CLASS
U.S. POSTAGE
PAID
PERMIT NO. 1709
PORTLAND, OR

ORDER PUBLICATIONS FROM
JUDY ALLENDER,
PUBLIC INVOLVEMENT DIVISION
Telephone number: **503-222-5161**
Toll free: **1-800-452-2324** (Oregon)
1-800-222-3355 (Idaho, Montana, Washington)
(Note: not all publications are available immediately, but will be sent to you as soon as possible.)

Recent Council publications

1987 Annual Report: Northwest Power Planning Council. See news item.

Issue Paper on Salmon and Steelhead Research Work Plans. Comment will be taken at the November Council meeting in Tacoma, Washington.

Issue Paper on Protected Areas. See news item.

History and Status of Energy Conservation Standards for New Commercial Buildings in the Northwest. See news item.

Issue Paper on Policy Options for Commercial Model Conservation Standards. See news item.

Conservation as a Resource: Implications for Demand Forecasting Methods. To be presented by Council staff members, Kenton R. Corum and Terry H. Morlan, at the Ninth North American International Association of Energy Economists Conference in Washington, D.C., on November 12-13.

Western Electricity Study: The first papers in the study are available. Those people who received the *Introduction to the Western Electricity Study* will receive these automatically.

- Draft Briefing Paper: Western System Overview.
- Draft Briefing Paper: Electricity Use in the Western U.S. and Canada.
- Draft Briefing Paper: Existing Generating Resources in the West. (Available soon.)
- Draft Briefing Paper: Interregional Transactions. (Available soon.)

1987 Columbia River Basin Fish and Wildlife Program. Program to protect and rebuild fish and wildlife resources damaged by hydroelectric resources in the Columbia River Basin.

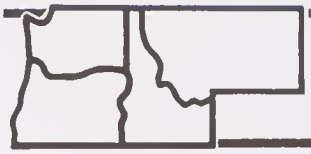
1986 Northwest Power Plan. The 20-year electrical power plan for the Northwest.

333.79050r.)
M26upd Update
Vol 4 #9

update!

Volume 4, Number 9
November 2, 1987

Northwest Power Planning Council



Council elects new officers

The Northwest Power Planning Council has elected Morris Brusett of Helena, Montana, to be chairman of the Council, and Tom Trulove of Cheney, Washington, to be vice chairman. Brusett served as vice chairman of the Council this past year. Both elections were unanimous.

Brusett served as state treasurer and director of the Montana Department of Administration from 1981 through 1984. A certified public accountant, Brusett also served as Montana's legislative auditor from 1967 to 1981. His responsibilities in that position included conducting financial and program audits of all state agencies. Brusett was appointed to the Council by Montana Governor Ted Schwinden in January 1985.

Vice chairman Trulove was appointed to the Council in 1985 by Washington State Governor Booth Gardner. Trulove had served as Mayor of Cheney, Washington, from 1978 until his appointment to the Council. He holds a doctorate in economics from the University of Oregon, and he has taught economics at Eastern Washington University in Cheney since 1969. Trulove is also a former president of the Association of Washington Cities.

Members of the Council are appointed by the governors of Idaho, Montana, Oregon and Washington. Officers of the Council are elected by the eight Council members.

Agenda inside

The agenda for the November 12-13 Northwest Power Planning Council meeting is included in this issue of *Update!* Please note the date of the meeting has changed due to the November 11 holiday.

Council adopts general MCS

At its October meeting, the Council adopted a new model conservation standard for structures and programs not included in the current standards. These include new and existing structures (not including new residential and commercial buildings); utility, customer and governmental conservation programs; and other conservation activities undertaken by consumers.

Various press reports on the meeting have caused confusion as to what this action means. It does not affect the current standards for new houses and new commercial buildings.

The newly adopted standard says that while the Northwest is experiencing its current electricity surplus, conservation activities should be deferred unless the delay would result in a lost opportunity, or the activity is needed to prepare the region to be able to add conservation measures after the surplus is gone.

A lost opportunity resource is one that must be secured now, because it might be too expensive to acquire in the future. For example, some energy-efficiency measures, if not installed at the time a building is originally weatherized, would be too expensive to install later.

One of the press reports of the meeting said that the Council had expanded its model standards to deal with new residential and commercial buildings. In fact, the Council took no action with respect to new residential and commercial buildings. The model conservation standards for new residential and commercial buildings, including the Bonneville-sponsored Super Good Cents and Early Adopter Programs, remain as they were.

After reading the news report, several people thought the Council was calling for a stoppage of all conservation activities. This could not be further from the truth. Most of the current conservation-related activity is designed to build the capability to acquire conservation when the region needs power or to capture lost opportunities. The Council strongly supports both of these activities.

update!

New Washington Council member

Washington Governor Booth Gardner has announced that Kai Lee will be resigning from the Council effective November 20, and that he has appointed Washington State Senator R. Ted Bottiger to replace Lee on the Council.

Lee joined the Council in the fall of 1983. He has been on a leave of absence from the University of Washington, where he is an associate professor of environmental studies and political science. He is resigning from the Council to return to academic life.

Bottiger comes to the Council from the Washington State Senate, where he has been majority leader since 1981. Prior to that, he was the chairman of the Senate's energy and utilities committee. Bottiger has represented southern Pierce County and northeastern Thurston County in both the Senate (since 1973) and in the House of Representatives (from 1965 to 1972).

Bottiger is an attorney and a partner in the Tacoma firm of Counsell, Murphy and Bottiger. He will be resigning his seat in the Senate to join the Council.

Comment deadlines

The Council is currently accepting public comment on the following papers and issues. To order copies, please call the central office.

Deadline	Paper
November 13	Policy Options for Commercial Model Conservation Standards.
November 19	Salmon and Steelhead Research Work Plans. Note: this deadline was November 17.
December 11	Staff Briefing Paper on Commercial Lighting.
January 8	Protected Areas Designation.

New model standards adopters

Three jurisdictions recently voted to adopt energy codes that meet the model conservation standards set by the Northwest Power Planning Council. The jurisdictions are Spokane County in Washington, and the towns of Bonners Ferry and Rupert in Idaho. The City of Spokane is also currently considering adopting the same standards.

The model conservation standards, developed by the Council at the direction of the U.S. Congress, set energy-efficiency levels for new electrically heated housing and all new commercial buildings. Houses built to the standards will consume significantly less electricity than houses built to current codes, thus eliminating some of the need to build expensive new coal or nuclear plants in the future. Tom Trulove, Council member for eastern Washington estimates Spokane County ratepayers will save approximately $125,000 in the first year of the new standards.

The Council has estimated that if the standards were adopted throughout the Northwest, the region could save as much as 1,110 average megawatts of electricity over its 20-year planning period, more than enough electricity to power a city the size of Seattle. While all conservation efforts have administrative and program costs, the average cost of implementing the model standards--including overhead costs--is 2.5 cents a kilowatt-hour as compared to 4.5 cents a kilowatt-hour for electricity from a new coal-fired plant.

Those municipalities that adopt the standards before December 1988, qualify for special "early adopter" incentives from the Bonneville Power Administration. These incentives include both financial and technical assistance and training to help jurisdictions with building code enforcement, administrative costs and payments to builders.

agenda

COUNCIL MEETING #119
Tacoma Sheraton Hotel
1320 Broadway Plaza
Tacoma, Washington
(206) 572-3200

November 12, 1987 - 1:00 p.m.
November 13, 1987 - 9:00 a.m.

Thursday, November 12, 1987

1. **Presentation on the Status of the Model Conservation Standards in the City of Tacoma:** Doug Sutherland, Mayor of the City of Tacoma.

2. **Presentation on the Washington Public Agency Group's Recent Study of Alternatives to Bonneville Power Administration Purchases:** Panel to be announced.

3. **Public Comment on Issue Paper on Policy Options for Commercial Model Conservation Standards.**

4. **Public Comment on Western Electricity Study Briefing Paper on Interregional Transactions.**

5. **Staff Presentation on Briefing Paper on Commercial Lighting Standards:** Jim Litchfield, Director, Power Planning Division; Tom Foley, Manager, Conservation and Resources; and Margie Gardner, Conservation Analyst.

Friday, November 13, 1987

6. **Public Comment on Issue Paper on Protected Areas.**

7. **Public Comment on Issue Paper on Salmon and Steelhead Research Work Plans.**

8. **Council Business:** Edward Sheets, Executive Director

   - Administrative Matters
   - Adoption of Minutes

9. **Public Comment**

   - Will follow each item
   - Any other issues

The Council will hold an executive session to discuss internal personnel matters.

For more information:
Public Information & Involvement Division
Northwest Power Planning Council
850 S.W. Broadway, Suite 1100
Portland, Oregon 97205
Phone:
503-222-5161
Toll Free: 1-800-452-2324 (Oregon)
1-800-222-3355 (Idaho, Montana, Washington)

Spokane County, with a population of 155,000, is the major population center in eastern Washington. The county estimates 588 housing starts in 1988; of those 412 are expected to use electrical space heating. Electrical utilities serving the area include Vera Water and Power, Inland Power and Light Company, Washington Water Power Company and the City of Cheney Light Department.

Bonners Ferry, in northern Idaho and Rupert, on the Snake River in southern Idaho, both have municipal electric departments.

Spokane County, Bonners Ferry and Rupert join a growing list of municipalities that have adopted the standards. In August, the City of Pullman, Washington, also adopted codes meeting the standards. Other Washington municipalities that have adopted the standards include Tacoma (the first adopter), Seattle, Stanwood, McCleary, Elma, Republic, Milton, Fircrest, Cathlamet, Cheney, Columbia County, Wahkiakum County and Fife. Adopters in Idaho include Bonneville County, Idaho Falls, Bingham County, Iona, Ucon, Blackfoot, Franklin, Ammon, Shelley, Heyburn and Minidoka County.

Meetings

All the following meetings are open to the public. Call the toll-free telephone numbers listed in this publication to receive an agenda, either on a one-time basis or regularly. Meeting times, locations and agenda items are changed occasionally. To confirm, please call Council offices two days prior to the meeting.

Council Meetings: **November 12-13 (Note date change due to November 11 holiday)** at the Sheraton Tacoma Hotel, 1320 Broadway Plaza, Tacoma, Washington. **December 9-10** at the Northwest Power Planning Council's central office, 850 S.W. Broadway, Suite 1100, Portland, Oregon.

Tentative meeting dates: January 13-14 in Portland, Oregon. **February 10-11** in Washington.

Council Member Working Committees: The Power Committee and the Fish Committee will meet the week of November 16. Please call the Council's central office for meeting times and locations.

Salmon and Steelhead Research Work Plans Consultations: November 5, 9:30 a.m., at the Council's central office in Portland, Oregon. November 9, 1:30 p.m., at the Idaho Water Resources Department, Boise, Idaho. Tentatively November 19, 1:30 p.m., in Portland, Oregon (call to confirm).

These consultations are to discuss the research work plans presented to the Council at the October 14-15 meeting. Contact the central office to receive a copy of the issue paper.

New Commercial Model Conservation Standards Technical Advisory Committee: December 8, 9:30 a.m., at the Council's central office in Portland, Oregon.

This committee is assisting Council staff in the Council's review of model conservation standards for new non-residential buildings.

Yakima/Klickitat Production Project Technical Work Group: Tentatively November 5, at the U.S. Bureau of Reclamation's Yakima Project Office in Crusher Canyon, Yakima, Washington. Call Ron Eggers at the Council's central office for more information.

synopsis

OCTOBER 14-15, 1987 MEETING - HELENA, MONTANA

Decisions made:

- The Council elected new officers for the coming year. Morris Brusett of Montana was elected chairman, and Tom Trulove of Washington was elected vice chairman (see news item).

- The Council adopted an amendment to its power plan which establishes model conservation standards for programs which had not previously been covered by standards. The Council said it would revisit these standards when the current surplus ends. The action had no effect on existing standards for new construction (see news item).

- In fish news, the Council adopted an amendment to its fish and wildlife program to expand the production capacity of the Umatilla salmon and steelhead hatchery by allowing oxygen supplementation. In another decision, which did not require a program amendment, the Council approved further action on the Yakima/Klickitat salmon and steelhead production project. The plan calls for sites in the Yakima and Klickitat basins to produce fish for outplanting in natural habitat. The approval allows Bonneville Power Administration to begin funding preconstruction activities, but requires Council approval before actual construction begins. Final approval would be tied to resolution of questions about genetic risks, harvest plans and water availability.

Other actions:

- The meeting opened with two status reports on utility efforts and commitments for model conservation standards implementation in Montana. The Council praised the Montana Power Company and the Bonneville Power Administration for their agreement to offer the Super Good Cents program, which promotes new residential building to the standards, in Montana Power's service territory. The Council voted to send the parties a letter of commendation. The Council also passed a resolution applauding the efforts of Pacific Power and Light Company, the Natural Resources Defense Council (NRDC), the Montana Consumer Counsel, the Montana Legislative Consumer Committee, the Montana Environmental Information Center, and the Montana Public Service Commission. The parties were thanked for their roles in an agreement between Pacific Power, the Consumer Counsel, and NRDC to resolve contested issues in the utility's rate case proceeding. Pacific Power will proceed with conservation initiatives for residential buildings and appliances in compliance with the Council's power plan.

- The Council also held a comment period on the status of commercial model conservation standards and heard a staff presentation on policy options for commercial standards. The staff also presented an issue paper on how power is exchanged among utilities from different regions in the western U.S. and Canada. The paper is part of the Council's Western Electricity Study.

- The staff presented an issue paper on "protected areas." The paper describes criteria identified by the fish and wildlife agencies in the four states. The proposed criteria would be used to identify areas where new hydroelectric dams should not be built and areas where development would not harm fish and wildlife. The Council is taking public comment on whether to enter rulemaking to consider designating protected areas in its fish and wildlife program. In a final staff presentation, the Council heard a status report on work plans for salmon and steelhead research.

update!

Editor: Ruth L. Curtis
Northwest Power Planning Council
850 S.W. Broadway, Suite 1100
Portland, Oregon 97205

Council Agenda Included

PRESORTED FIRST CLASS
U.S. POSTAGE
PAID
PERMIT NO. 1709
PORTLAND, OR

ORDER PUBLICATIONS FROM
JUDY ALLENDER,
PUBLIC INVOLVEMENT DIVISION
Telephone number: **503-222-5161**
Toll free: **1-800-452-2324** (Oregon)
1-800-222-3355 (Idaho, Montana, Washington)
(Note: not all publications are available immediately, but will be sent to you as soon as possible.)

Recent Council publications

Staff Briefing Paper on Commercial Lighting. Comment will be taken at the December Council meeting in Portland, Oregon.

1987 Annual Report: Northwest Power Planning Council.

Issue Paper on Salmon and Steelhead Research Work Plans. Comment will be taken at the November Council meeting in Tacoma, Washington, and at various consultations (see meetings announcement).

Issue Paper on Protected Areas. Comment will be taken at the November Council meeting in Tacoma, Washington, and the December Council meeting in Portland, Oregon.

Issue Paper on Policy Options for Commercial Model Conservation Standards. Comment will be taken at the November Council meeting in Tacoma, Washington.

Heating New Homes: A Comparison of the Cost of Heating With Electric, Natural gas and Fuel Oil Heating Systems (Final Report).

Response to Comments: Yakima/Klickitat Production Project.

Response to Comments: Amendment to the 1987 Fish and Wildlife Program regarding Umatilla Fish Hatchery.

Amendment to the 1986 Northwest Power Plan: Model Conservation Standards for General Conservation Programs, and Response to Comments on the Amendment. See news item.

Western Electricity Study:

- Briefing Paper: Western System Overview.
- Briefing Paper: Electricity Use in the Western U.S. and Canada.
- Draft Briefing Paper: Existing Generating Resources in the West.
- Draft Briefing Paper: Interregional Transactions.
- Draft Briefing Paper: Future Resources.

1987 Columbia River Basin Fish and Wildlife Program. Program to protect and rebuild fish and wildl resources damaged by hydroelectric resources.

1986 Northwest Power Plan. The 20-year electrical power plan for the Northwest.

S Update (Portland,
333.79050r.)
M26upd Update
Vol. 4 # 10

update!

Volume 4, Number 10
November 30, 1987

Northwest Power Planning Council

Agenda inside

The agenda for the December 9-10 Northwest Power Planning Council meeting is included in this issue of *Update!*

Protected areas deadline changes

The public comment deadline for the protected areas designation issue paper has been extended until January 15, with oral comment being taken at the December and January Council meetings.

The "protected areas" issue refers to designating certain Northwest streams and fish and wildlife habitats as protected--that is, closed to future hydroelectric development--because of their importance. An estimated 35 percent of the anadromous (ocean-migrating) fish habitat in the Columbia River Basin has already been lost due to existing hydroelectric development. The Corps of Engineers and Bureau of Reclamation continue to plan for future federal projects, and the Federal Energy Regulatory Commission, which licenses private and non-federal public hydropower projects, has at least 200 applications pending throughout the Northwest.

History of the issue: Through the Northwest Power Act of 1980, Congress directed the Northwest Power Planning Council to develop a program to "protect, mitigate and enhance fish and wildlife, including related spawning grounds and habitat" in the Columbia River Basin. Because the program is funded by ratepayers, the Council was to address its efforts to the impacts of hydroelectric development. As the Council developed the original *Columbia River Basin Fish and Wildlife Program*, several parties, particularly fish and wildlife agencies and Indian tribes, urged the Council to protect fish and wildlife from future development as well as past and existing development. The Council agreed that protecting certain areas was important, but felt that uniform criteria for protection needed to be developed. Therefore, the Council approached the states to identify potential hydropower sites, assess their values for fish and wildlife, and develop criteria for designating which sites should be protected.

Benefits of protected areas: The benefits of providing protected areas are to: 1) ensure that the substantial Northwest ratepayer investments to rehabilitate fish and wildlife in the Columbia Basin are not undermined by new projects; 2) provide clear signals to potential developers on the importance of fish and wildlife resources and help focus on sites with fewer resource conflicts; and 3) provide useful information to the Federal Energy Regulatory Commission so that its hydropower licensing decisions reflect the Northwest's interest in quality resource development and environmental protection.

Who participated in the study: Participants in the study included the states of Idaho, Montana, Oregon and Washington; the Columbia Basin Indian tribes; the Bonneville Power Administration; the U.S. Army Corps of Engineers; hydroelectric project operators; and recreational and environmental groups.

Current status of the issue: Using the data developed by the study, the Northwest states have made recommendations for preserving certain stretches of streams in each state. The Council has published an issue paper on the subject and is calling for public comment on the alternative proposals for these designations, as well as on the overall issue of whether areas should be designated for protection. After considering this comment, in February the Council is expected to make a decision on whether or not it will enter into rulemaking (the process by which it amends its fish and wildlife program) to consider designating protected areas. If the Council enters rulemaking, it will provide a new public comment period and will hold hearings in each state before it makes a final decision.

(continued)

update!

Staff proposal for protected areas: The proposed alternatives include: 1) protect all areas currently used or potentially usable by anadromous (ocean-migrating) fish in the Columbia Basin; 2) protect all areas currently used by anadromous fish in the Northwest outside the Columbia Basin; 3) protect the Northwest's high-quality resident fish and wildlife both inside and outside the basin, and 4) provide for re-evaluation of protected areas after the Council has completed its basinwide plan to double current salmon and steelhead populations. The plan will explore each of 31 subbasins to determine its potential for increasing salmon and steelhead.

Potential impacts on hydropower: The proposed criteria would reduce the region's future hydropower potential by about 430 average megawatts, based on the hydroelectric projects currently being proposed or considered for licensing before the Federal Energy Regulatory Commission. This would reduce the hydroelectric capability by about 50 percent (based on the assumption that all currently proposed projects would have been developed, which is unlikely).

Relationship to specific development projects: The study was "project blind." That is, in determining potential protected areas (sites that posed threats to fish and wildlife), the study looked at river reaches, not specific projects. It was only after a river reach was evaluated for its value as fish and wildlife habitat, that any specific proposed hydroelectric projects were identified as being in a corresponding river reach.

Washington office address changed

On November 20, R. Ted Bottiger replaced Kai Lee as the western Washington Council member. With this change, the Council's Seattle office moved to Olympia, Washington. The new address for the office is:

Northwest Power Planning Council
Washington State Energy Office
809 Legion Way, S.E.
Olympia, Washington 98504-1211
Telephone: 206-586-8067

Wild and artificial fisheries

At the December 9-10 Council meeting, the Columbia Basin Fish and Wildlife Authority will make a presentation on wild and artificial fisheries management. Artificial fisheries are stocks that have been supplemented by hatchery-produced fish. According to Jack Donaldson, the Authority's executive secretary, the presentation will discuss the management of mixed-stock salmon and steelhead fisheries from "gravel to gravel" (hatching to spawning).

The Authority represents the state fish and wildlife agencies from the four states, two federal fishery agencies and 13 tribes in the Columbia River Basin on fish and wildlife management issues in dealings with the Council, the Bonneville Power Administration, and the Corps of Engineers.

In addition to Donaldson, Tim Wapato and Jean Edwards from the Columbia River Inter-Tribal Fish Commission, and Jim Martin from the Oregon Department of Fish and Wildlife will participate in the presentation.

agenda

COUNCIL MEETING #120
Council Offices, Portland, Oregon
9:00 a.m., December 9-10, 1987

Wednesday, December 9, 1987

1. **Columbia Basin Fish and Wildlife Authority Presentation on Wild and Artificial Fisheries Management:** Tim Wapato, Columbia River Inter-Tribal Fish Commission; Jack Donaldson, Columbia River Basin Fish and Wildlife Authority, Jim Martin, Oregon Department of Fish and Wildlife; and Jean Edwards, Columbia River Inter-Tribal Fish Commission.

2. **Council Action on Issue Paper on Salmon and Steelhead Research Work Plans:** Rick Applegate, Director, Fish and Wildlife Division; and Willa Nehlsen, Biologist/Planner.

3. **Staff Briefing on Mainstem Passage:** Rick Applegate; Jim Ruff, Staff Hydrologist; and Chip McConnaha, System Planner/Ecologist.

4. **Public Comment on Issue Paper on Protected Areas.**

Thursday, December 10, 1987

5. **Panel on Stipulation between Pacific Power and Light Company and the Natural Resources Defense Council:** Panel to be announced.

6. **Council Comments on Bonneville Power Administration's Hydro Operations Information Paper, an Update on the Intertie Development and Use Environmental Impact Statement:** Edward Sheets, Executive Director; and Rick Applegate.

7. **Staff Presentation on the Status of the Region's Economy and Loads:** Jim Litchfield, Director, Power Planning Division; and Terry Morlan, Manager, Demand Forecasting.

8. **Staff Presentation on Western Electricity Study Briefing Paper on Future Resources:** Jim Litchfield; and Jeff King, Senior Resource Analyst.

9. **Update on Western Electricity Study Paper on Interregional Transactions:** Jim Litchfield, and John Fazio, Power System Analyst.

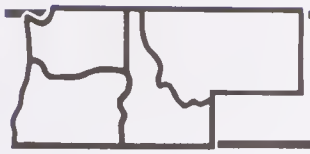
10. **Public Comment on Briefing Paper on Commercial Lighting Standards.**

11. **Council Business:** Edward Sheets, Executive Director
    - Administrative Matters
    - Adoption of Minutes

12. **Public Comment**
    - Will follow each item
    - Any other issues

The Council will hold an executive session to discuss internal personnel matters and information protectable under the premature disclosures or trade secrets exceptions.

For more information:
Public Information & Involvement Division
Northwest Power Planning Council
850 S.W. Broadway, Suite 1100
Portland, Oregon 97205
Phone:
503-222-5161
Toll Free: 1-800-452-2324 (Oregon)
1-800-222-3355 (Idaho, Montana, Washington)



Status of the region

Since 1979, the growth of electric loads in the Pacific Northwest has been mostly stagnant. But recently, there has been some increase in the region's loads. This is the conclusion of an issue paper on the status of the region's economy and loads that the Council's staff will present at the December Council meeting.

Staff attributes the recent growth to a rise in aluminum prices which has led to substantial increases in the production of aluminum (aluminum plants consume as much as 12 percent of the region's electricity) and to a general increase in economic activity in the region.

Copies of the paper are available from the Council's central office.

Meetings

All of the following meetings are open to the public. Call the toll-free telephone numbers listed in this publication to receive an agenda, either on a one-time basis or regularly. Meeting times, locations and agenda items are changed occasionally. To confirm, please call Council offices two days before the meeting.

Council Meetings: **December 9-10** at the Northwest Power Planning Council's central office, 850 S.W. Broadway, Suite 1100, Portland, Oregon. **January 13-14** in the Council's central office, Portland, Oregon. **February 10-11** in Washington. **March 9-10** in Idaho. Exact locations are unknown as this issue goes to press.

Council Member Working Committees: The Power Committee and the Fish Committee will meet the week of December 14. Please call the Council's central office for meeting times and locations.

Salmon and Steelhead Research Work Plans Consultations: December 16, 1:30 p.m. at the Council's central office in Portland, Oregon. This is an additional consultation scheduled to discuss the research work plans presented to the Council at the October 14-15 meeting. Because there is a need for more discussion on many of the issues, the comment period has been extended to December 16 for all research-related issues except the disease and hatchery effectiveness work plans. Contact the central office to receive a copy of the issue paper.

New Commercial Model Conservation Standards Technical Advisory Committee: December 8, 9:30 a.m., at the Council's central office in Portland, Oregon. This committee is assisting Council staff in the Council's review of model conservation standards for new non-residential buildings.

Economic Forecasting Advisory Committee: Tentatively, this committee will meet the week of December 14 at the Council's central office in Portland, Oregon. Please call to confirm date.

Comment deadlines

The Council is currently accepting public comment on the following papers and issues. To order copies, please call the central office.

Deadline	Paper
December 11	Staff Briefing Paper on Commercial Lighting.
December 16	The supplementation, reservoir mortality, bypass, transportation, and research funds portions of the Salmon and Steelhead Research Work Plans. This deadline was November 19.
January 15	Protected Areas Designation. This deadline was January 8.

synopsis

NOVEMBER 12-13, 1987 MEETING - TACOMA, WASHINGTON

Presentations:

- Tacoma energy officials briefed the Northwest Power Planning Council on the city's experience with the model conservation standards. Tacoma was the first city to adopt the standards in November 1983. Since then, approximately 6,000 residential and commercial buildings have been built to the model conservation standards.

- In another report, Gary Saleba, vice president of Economic and Engineering Services, described a study for the Western Public Agency Group (WPAG) on power supply alternatives. WPAG is a group of 18 Oregon and Washington public utilities that purchase power from the Bonneville Power Administration. Saleba said the study was prompted by a desire to seek least-cost options, to stabilize future power supply rates, and out of concern about future Bonneville rate levels. Council member Tom Trulove noted that Council analysis indicates Bonneville's rates have been stabilizing and could possibly decline over time (after adjusting for inflation).

- Council staff described and demonstrated new technologies for conserving electricity in lighting for commercial buildings. A staff briefing paper is available on the subject. It lays the foundation for evaluating possible changes in the lighting budgets under the current commercial model conservation standards.

Public Comment:

- The Council received extensive public comment at this meeting, particularly on the issue of "protected areas." It is not possible to accurately characterize each person's testimony in a brief synopsis. However, those who wish to receive a summary of the testimony may order a copy of the Council's minutes for this meeting.

- Public testimony was scheduled on the following topics:

  Protected areas: The Council is considering entering an amendment proceeding (rulemaking) to designate areas that could be protected from future hydroelectric development because of the impacts of such development on key fish and wildlife habitat. If the Council does elect to enter a formal amendment process for its fish and wildlife program, there will be a second opportunity for public comment, including hearings in each state, prior to a final decision. (Staff issue paper available.)

  Salmon and steelhead research: The Council heard comment on five-year work plans for salmon and steelhead research work plans. (Staff issue paper available.)

  Policy options for commercial model conservation standards: The comment centered on the second of a series of four papers published as part of the Council's review of model conservation standards for commercial buildings. (Staff issue paper available.)

  Western Electricity Study/interregional transactions: Part of a series of papers describing the interrelated power systems of the western United States and Canada, this paper describes the nature of current electrical power exchanges and transactions within the West. (Staff briefing paper available.)

update!

Editor: Ruth L. Curtis
Northwest Power Planning Council
850 S.W. Broadway, Suite 1100
Portland, Oregon 97205

Council Agenda Included

PRESORTED FIRST CLASS
U.S. POSTAGE
PAID
PERMIT NO. 1709
PORTLAND, OR

ORDER PUBLICATIONS FROM
JUDY ALLENDER,
PUBLIC INVOLVEMENT DIVISION
Telephone number: **503-222-5161**
Toll free: **1-800-452-2324** (Oregon)
1-800-222-3355 (Idaho, Montana, Washington)
(Note: not all publications are available immediately, but will be sent to you as soon as possible.)

Recent Council publications

Staff Briefing Paper on Commercial Lighting. Comment will be taken at the December Council meeting in Portland, Oregon.

1987 Annual Report: Northwest Power Planning Council.

Issue Paper on Salmon and Steelhead Research Work Plans. Comment will be taken at the December Council meeting in Portland, Oregon, and at consultations (see meetings announcement) on all research-related issues except the disease and hatchery effectiveness work plans. The comment period on those work plans closed November 19.

Issue Paper on Protected Areas. Comment will be taken at the December and January Council meetings in Portland, Oregon. See news item.

Heating New Homes: A Comparison of the Cost of Heating with Electric, Natural Gas and Fuel Oil Heating Systems (Final Report).

Western Electricity Study:

- Briefing Paper: Western System Overview.
- Briefing Paper: Electricity Use in the Western U.S. and Canada.
- Draft Briefing Paper: Existing Generating Resources in the West.
- Draft Briefing Paper: Interregional Transactions.
- Draft Briefing Paper: Future Resources.

1987 Columbia River Basin Fish and Wildlife Program. Program to protect and rebuild fish and wildlife resources damaged by hydroelectric resources.

1986 Northwest Power Plan. The 20-year electrical power plan for the Northwest.

S update (Portland)
333.79050r.)
M26upd Update

Vol 4 # 11

update!

Volume 4, Number 11
December 31, 1987

Northwest Power Planning Council

Central office address changed

The Council's central office has not moved but the U.S. Post Office has changed our address. The new address is:

Northwest Power Planning Council
851 S.W. Sixth Avenue, Suite 1100
Portland, Oregon **97204**

If you visit the office, it is located in downtown Portland, on the 11th floor of the Pacific First Federal Building. The block is bounded by Broadway on the west, Sixth on the east, Taylor Street and the Hilton Hotel on the south, and Yamhill Street and the Pioneer Courthouse Square on the north.

Manufactured home standards OK'd

Before leaving for Christmas, Congress approved an omnibus housing bill that contains a provision requiring the Department of Housing and Urban Development (HUD) to develop national cost-effective energy conservation performance standards for manufactured housing. In the past, these homes were not required to be as efficient as traditional site-built homes. Members of the Northwest congressional delegation worked hard for the passage of this provision.

The Northwest Power Planning Council supported new HUD standards because they will substantially increase the energy efficiency of new manufactured housing. Annually, 9,000-10,000 new manufactured homes are located in the Northwest and constitute about 30 percent of all new housing starts in the region. The increased efficiency of these homes will provide a major benefit for both individual purchasers and the region's entire power system.

The bill was also supported by many organizations, including the American Public Power Association, the National Association of Home Builders, and the American Association of Retired Persons.

Agenda inside

The agenda for the January 13-14 Northwest Power Planning Council meeting is included in this issue of *Update!*

MCS considered in financial decisions

Home builders have told the Council that failure to include the value of conservation measures in home appraisals is a major deterrent to constructing energy-efficient housing in the Northwest. This is changing.

In portions of the Northwest, the U.S. Department of Housing and Urban Development (HUD) is now considering taking into account the effects of the Council's model conservation standards (MCS) when making decisions on home mortgage loans. The MCS set energy-efficient levels for new homes. While they may increase the initial cost of the house, the energy savings reduce the monthly heating cost, allowing more money to be available to pay the mortgage.

When HUD lenders attempt to qualify a home buyer, they subtract out what they estimate the owner will have to spend on heat and utilities. The remaining amount (after debt and other obligations are also subtracted) is the amount upon which the debt-to-income ratio is calculated. This ratio is a gauge of whether the customer's income will be sufficient to make the mortgage payments.

The current debt-to-income ratio is about 30 percent. This means that the mortgage and utility costs may not be more than 30 percent of monthly income. For example, if the average estimated cost of monthly utilities was $100 for non-MCS house and $78 for an MCS house,

(continued)

update!

the MCS homeowner would have another $22 of monthly income to spend on the loan. At current interest rates, this additional monthly income allocated directly to the home purchase would qualify a buyer for a home costing $2,439 more on a 30-year mortgage.

Until now, the schedules used by appraisers to determine monthly heating costs did not reflect the savings possible under the model conservation standards. But the Montana Council staff has prepared a simplified format for the schedules with a separate column listing for MCS homes and their expected monthly heating costs.

The chief appraiser for the Portland office of HUD has agreed to accept the new format for the housing expense schedule used by all the HUD field appraisers working for that office. The new schedule will be implemented as soon as the first forms are produced.

The Portland HUD office serves the entire state of Oregon, in addition to Clark, Klickitat and Skamania counties in Washington. It is part of HUD Region 10, which also includes offices in Seattle, Spokane and Boise. Western Montana is part of HUD Region 8 and is covered by an office in Helena.

Portland's chief HUD appraiser has also agreed to discuss the new schedules with the other Region 10 offices.

When this new form is adopted, all Federal Housing Administration (FHA) appraisals will be automatically adjusted to take into account the additional energy savings available through the model standards. This will not directly affect the overall appraisal of MCS-level energy features, but it will serve to let the appraisers know that there is a different kind of house out there, and it is receiving official recognition for its additional value.

Comment deadlines

The Council is currently accepting public comment on the following papers and issues. To order copies, please call the central office.

Deadline	Paper
January 15	Protected Areas Designation. This deadline was extended from January 8.
February 12	Issue Paper on the Surplus/Deficit in the Region.

Mueller leaving Council

Gerald Mueller, one of the two Montana members of the Northwest Power Planning Council, has told Montana Governor Ted Schwinden that he will step down in mid-January 1988. Mueller has been a Council member since its creation in 1981. He is now leaving to spend more time with his family.

Mueller served as energy advisor during Schwinden's term as lieutenant governor and, along with Keith Colbo, was named as one of Montana's original participants in the Council. In announcing the resignation, Schwinden said "Gerald Mueller has brought a high degree of professional competence and personal commitment to the protection of the public interest during the difficult days of the WPPSS disaster and the reshaping of the role of the Bonneville Power Administration."

As this newsletter went to press, Schwinden had not announced Mueller's replacement.

agenda

COUNCIL MEETING #121
Council Offices
851 S.W. Sixth Avenue, Suite 1100
Portland, Oregon
January 13-14, 1988

January 13, 1988 - 10:00 a.m.

1 **Staff Presentation and Panel Discussion on the Surplus/Deficit in the Region:** Jim Litchfield, Director, Power Planning Division; Gary Fuqua, Director, Division of Resource Planning, Bonneville Power Administration; and Al Wright, Executive Director, Pacific Northwest Utilities Conference Committee.

2. **Presentation on Coordinated Bonneville Power Administration and Council Planning:** Jim Litchfield, and Gary Fuqua.

3. **Council Comments on Model Conservation Standards Payments After 1988:** Jim Litchfield, and Tom Foley, Manager, Conservation & Resources.

4. **Public Comment on Western Electricity Study Briefing Paper on Future Resources.**

January 14, 1988 - 9:00 a.m.

5. **Council Comments on Bonneville Power Administration's Draft Intertie Access Policy:** Edward Sheets, Executive Director; Rick Applegate, Director, Fish and Wildlife Division; and Jim Litchfield.

6. **Staff Briefing on Mainstem Passage:** Rick Applegate; Jim Ruff, Staff Hydrologist; and Chip McConnaha, System Planner/Ecologist.

7. **Presentation on Wildlife Mitigation Plans:** Rick Applegate; and representatives of Columbia Basin Fish and Wildlife Authority.

8. **Public Comment on Issue Paper on Protected Areas.**

9. **Council Business:** Edward Sheets, Executive Director

   - Administrative Matters
   - Adoption of Minutes

10. **Public Comment**

    - Will follow each item
    - Any other issues

The Council will hold an executive session to discuss internal personnel matters.

For more information:
Public Information & Involvement Division
Northwest Power Planning Council
851 SW Sixth Avenue, Suite 1100
Portland, Oregon 97204
Phone:
503-222-5161
Toll Free: 1-800-452-2324 (Oregon)
1-800-222-3355 (Idaho, Montana, Washington)

Congress approves money for fish

Federal funds for Columbia River fish screens and other fish passage improvements at major dams survived budget cutting efforts in the nation's capitol. Northwest Senators Mark Hatfield (Oregon), Dan Evans (Washington) and James McClure (Idaho) worked to secure the funds. The Northwest House delegation also supported the bypass improvements package.

The Northwest Senators increased the funding for the Columbia River projects from the $2.1 million proposed by the administration to $10.8 million. There is a consensus among the Northwest Power Planning Council, the Bonneville Power Administration, the Pacific Northwest Utilities Conference Committee, the Public Power Council, the Columbia River Inter-Tribal Fish Commission and the Columbia Basin Fish and Wildlife Authority that the bypass facilities should be installed as quickly as possible.

New director of government affairs

Stephen L. Crow, a top aide on the U.S. Senate Committee on Appropriations, will join the staff of the Northwest Power Planning Council in early February as director of government affairs. He will serve as the Council's liaison with the U.S. Congress.

The Council has been charged by Congress to do long-term electrical power planning for the Pacific Northwest and to develop a program to protect and rebuild Columbia Basin fish and wildlife affected by hydroelectric development. This work requires coordination with Congress, the Bonneville Power Administration, the U.S. Army Corps of Engineers, the Bureau of Reclamation and the Federal Energy Regulatory Commission--as well as regional entities.

Crow, a native of Portland, Oregon, has been closely associated with Northwest interests in Congress. In

(continued)

1973, he became legislative assistant to Representative Wendell Wyatt (Oregon). He joined Senator Mark Hatfield's (Oregon) staff in 1975 as executive assistant and later became counsel to the Senate Committee on Energy and Natural Resources. He serves as professional staff member to the U.S. Senate Committee on Appropriations.

Meetings

The following meetings are open to the public. Call the toll-free telephone numbers listed in this publication to receive an agenda, either on a one-time basis or regularly. Meeting times, locations and agenda items are changed occasionally. To confirm, call Council offices two days before the meeting.

Council Meetings: **January 13-14** in the Council's central office, Portland, Oregon. **February 10-11** at the Madison Hotel, 515 Madison Street, Seattle, Washington. **March 9-10** at the Canyon Springs Inn, Twin Falls, Idaho.

Council Member Working Committees: The Power Committee will meet January 26, at the Red Lion-Bellevue Center, Room 233, 818 112th N.E., Bellevue, Washington. The Fish Committee will meet the week of January 25. Please call the Council's central office for the meeting time and location.

Economic Forecasting Advisory Committee: Tentatively, this committee will meet February 5, at the Council's central office in Portland, Oregon. Please call to confirm date.

Protected Areas Consultations: The Council is holding various consultations, often on short notice, to discuss the protected areas issue. If you are interested in attending one, please call the central office.

Yakima Hatchery Technical Work Group: This group is meeting monthly to discuss the predesign activities associated with the Yakima fish hatchery. For more information, contact Tom Clune, Bonneville Power Administration, 503-230-5204.

synopsis

DECEMBER 9-10, 1987 MEETING - PORTLAND, OREGON

Decisions:

- The Council approved fish disease and hatchery effectiveness research work plans. Research work plans on reservoir mortality/water budget effectiveness, and the supplementation of natural runs with hatchery-reared fish still require work. They may be available for Council consideration at the February meeting.

Presentations:

- The Columbia Basin Fish and Wildlife Authority presented a panel discussion on wild and artificial (hatchery) fisheries management. The panel addressed the current status of Columbia Basin salmon and steelhead runs and the harvest management planning process. Videotapes of the discussion are available from the Authority (503-294-7031) or the Columbia River Inter-Tribal Fish Commission (503-238-0667).

- Jim Pienovi, Pacific Power and Light Company's vice president of business and economic development, and Ralph Cavanagh, the Natural Resources Defense Council's (NRDC) senior staff attorney, discussed a stipulation entered into by Pacific Power, the Montana Consumer Counsel and NRDC designed to resolve all the contested issues in Pacific Power's 1987 rate case proceeding. The stipulation's principles obligate Pacific Power to invest in "all practicable and cost-effective conservation alternatives" before acquiring new generating facilities. It requires a commitment to implement the Council's model conservation standards and all cost-effective measures in weatherization programs, and to support appliance efficiency standards.

- Staff presented a status report on the region's economy and electric loads. The report concluded that total demand for electricity through 1986 compares well with the power plan's forecast range. The plan's underlying economic assumptions also agree overall with recent economic experience. However, there are some more detailed results that need attention. In addition, the long-term outlook for oil prices has changed considerably since the 1986 forecasts were done. (Staff paper available.)

- Staff summarized a briefing paper on future energy resources in the western United States and Canada. This paper is part of the series that make up the Western Electricity Study--a study of the interrelated power systems of the West. (Staff paper available.)

- As part of the same study, staff updated its study of interregional transactions of electricity in the West. (Staff paper available.)

- Because of time constraints, a staff briefing on mainstem passage was deferred until the January Council meeting.

Public Comment:

- Extensive public comment centered on the protected areas issue. The Council is considering entering an amendment proceeding (rulemaking) to designate areas that could be protected from future hydroelectric development because of the impacts of such development on key fish and wildlife habitat. If the Council does elect to enter a formal amendment process for its fish and wildlife program, there will be a second opportunity for public comment, including hearings in each state, prior to a final decision. (Staff issue paper available.)

ORDER PUBLICATIONS FROM
JUDY ALLENDER,
PUBLIC INVOLVEMENT DIVISION
Telephone number: 503-222-5161
Toll free: 1-800-452-2324 (Oregon)
1-800-222-3355 (Idaho, Montana, Washington)
(Note: not all publications are available immediately, but will be sent to you as soon as possible.)

Council Agenda Included

update!

Editor: Ruth L. Curtis
Northwest Power Planning Council
851 SW Sixth Avenue, Suite 1100
Portland, Oregon 97204

PRESORTED FIRST CLASS
U.S. POSTAGE
PAID
PERMIT NO. 1709
PORTLAND, OR

Recent Council publications

Issue Paper on the Surplus/Deficit in the Region. Deals with the balance of electrical power resources and demand.

1987 Annual Report: Northwest Power Planning Council.

Status Report on the Regional Economy and Loads.

Issue Paper on Protected Areas Designation. Comment will be taken at the December and January Council meetings in Portland, Oregon. See news item.

Heating New Homes: A Comparison of the Cost of Heating with Electric, Natural Gas and Fuel Oil Heating Systems (Final Report).

Western Electricity Study:

- Briefing Paper: Western System Overview.
- Briefing Paper: Electricity Use in the Western U.S. and Canada.
- Briefing Paper: Interregional Transactions.
- Draft Briefing Paper: Existing Generating Resources in the West.
- Draft Briefing Paper: Future Resources.

1987 Columbia River Basin Fish and Wildlife Program. Program to protect and rebuild fish and wildlife resources damaged by hydroelectric resources.

1986 Northwest Power Plan. The 20-year electrical power plan for the Northwest.